

20001127.qrp v02_n019.qrl.20001127

Date: Mon, 27 Nov 2000 19:03:07 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2019

QRP-L Digest 2019

Topics covered in this issue include:

- 1) [84802] Re: CQWWDX It's over
by "George, W5YR" <w5yr@att.net>
- 2) [84803] Re: USING RELAYS FOR BAND SW
by "George, W5YR" <w5yr@att.net>
- 3) [84804] Re: PDF Files
by "Larry Wise" <lewise@txwises.com>
- 4) [84805] Re: PDF Files
by "Larry Wise" <lewise@txwises.com>
- 5) [84806] Florida and Ham Radio and heroes....
by "John Nall" <nally@talstar.com>
- 6) [84807] Re: CQWWDX It's over
by "Anthony A. Luscre" <aluscre@neo.rr.com>
- 7) [84808] Re: USING RELAYS FOR BAND SW
by Dave Fifield <fifield@pacbell.net>
- 8) [84809] Re: EZNEC 3.0
by Glen Reid <k5fx@flash.net>
- 9) [84810] Re: USING RELAYS FOR BAND SW
by Phil Wheeler <w7ox@earthlink.net>
- 10) [84811] Re: USING RELAYS FOR BAND SW
by Rick Sealey <rsealey@infoave.net>
- 11) [84812] Re: CQWWDX It's over
by "James R. Duffey" <jamesd1@flash.net>
- 12) [84813] Re: CQWWDX It's over
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 13) [84814] Re: laptops and psk31
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 14) [84815] (Contest) N9SE CQWW report
by TheMardster@cs.com
- 15) [84816] Re: AC hum, power supply stuff & the usual questions
by Steve Yates <aa5tb@yahoo.com>
- 16) [84817] Re: EZNEC 3.0
by Chris Trask <ctrask@primenet.com>
- 17) [84818] CQWW report
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 18) [84819] CQWW DX, the K2 and QRP Dupe
by Bob Hightower <nk7m@extremezone.com>
- 19) [84820] Re: CQWWDX It's over

- by "dwinfield" <dendav@dzdn.com>
- 20) [84821] Headphones
by w3eru <w3eru@drix.net>
- 21) [84822] ANTENNA QUESTION THANKS
by K4YBB@aol.com
- 22) [84823] Re: Contest
by "Steven Weber" <kd1jv@moose.ncia.net>
- 23) [84824] Re: Florida and Ham Radio and heroes....
by "Gordon Cougar" <gcouger@couger.com>
- 24) [84825] Re: Contest
by "John Moriarity" <k6qq@hdo.net>
- 25) [84826] CQWWCW
by "Floyd Smithberg" <flydnq7x@primenet.com>
- 26) [84827] Re: EZNEC 3.0
by Jeff <fantbb@yahoo.com>
- 27) [84828] Milliwatting in the CQWW
by "Jerry Scherkenbach" <jerrys@execpc.com>
- 28) [84829] WM2 Wattmeter
by "Tntjoe" <tntjoe@qwest.net>
- 29) [84830] RE: WM2 Wattmeter
by Rich Mulvey <mulveyr@iname.com>
- 30) [84831] Cub Fox: N8IE
by Shepherd@aol.com
- 31) [84832] Re: WM2 Wattmeter
by K5BDZ@aol.com
- 32) [84833] Re: CQWWDX It's over
by "Karl F. Larsen" <k5di@zianet.com>
- 33) [84834] Re: Contest
by Corey Dean <kf3dy@repeater.net>
- 34) [84835] RE: CQ WW
by Vic Winton <Vic.Winton@trafford-press.com>
- 35) [84836] New CB Enforcement
by Roger J Wendell <zeekzilch@juno.com>
- 36) [84837] QRP DXCC.....I did it!
by clifton w sikes <n5uw@juno.com>
- 37) [84838] Re: New CB Enforcement
by "Thom Durfee" <wi8w@arrl.net>
- 38) [84839] Re: QRP DXCC.....I did it!
by "Thom Durfee" <wi8w@arrl.net>
- 39) [84840] lost diagrams/schematics for BLT
by "Woody Lee" <lee@sms.si.edu>
- 40) [84841] Re: CQWWDX Band's Dead!
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
- 41) [84842] Re: New CB Enforcement
by "Mike Yetsko" <myetsko@insydesw.com>
- 42) [84843] CQWW - what went on here.....
by WB9MII@aol.com
- 43) [84844] Re: CQWWDX Computers, code speed, cut numbers

by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
44) [84845] Re: PSK31 on surplus laptops
by ed.kwik@delphiauto.com
45) [84846] New CB Enforcement
by Roger J Wendell <zeekzilch@juno.com>
46) [84847] Re: CQWWDX It's over
by Bruce Muscolino <w6toy@erols.com>
47) [84848] RE: Source for foam sheets (QRP related)
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
48) [84849] CQWW @ 700mW
by Jim Hale <kj5tf@yahoo.com>
49) [84850] CONTEST: QRPdupe and CQWW
by Bcieslak@ra.rockwell.com
50) [84851] Contest: CQWW with the IAQRP-10 and NC-20 (Long)
by "John Burnley" <JBurnley@ifmc.org>
51) [84852] Re: laptops and psk31
by Jeff <fantbb@yahoo.com>
52) [84853] OT - Re: New CB Enforcement
by Jim Giammanco <giamman@rouge.phys.lsu.edu>
53) [84854] FS: Mizuho 17 M QRP SSB/CW HT
by "Hugo W. Catta" <hugo@optonline.net>
54) [84855] Re: New CB Enforcement
by Gary Lee Phillips <ka9nzi@arrl.net>
55) [84856] Re: lost diagrams/schematics for BLT
by Phil Wheeler <w7ox@earthlink.net>
56) [84857] Stuff FS
by "Dittmar, Mark" <Mark_Dittmar@Maxtor.com>
57) [84858] Re: CQWWDX It's over
by "George, W5YR" <w5yr@att.net>
58) [84859] CQWWDX Done
by "Karl F. Larsen" <k5di@zianet.com>
59) [84860] Re: assistance request.... mic for Index Lab qrp radio, any
suggestions?
by Jim Lowman <jmlowman@ix.netcom.com>
60) [84861] FOX: RE: Jerry, WOMC, Cub Fox last Monday
by "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
61) [84862] Re: QRPdupe - where to find?
by K4IA@aol.com
62) [84863] Re: Welcome to ubud.community
by ed.kwik@delphiauto.com
63) [84864] FOX: Notice / Warning Fox #11 (11-28-00) 7 PM MST.
by "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
64) [84865] Re: CQWWDX It's over
by Bruce Muscolino <w6toy@erols.com>
65) [84866] Re: QRPdupe - where to find?
by Phil Wheeler <w7ox@earthlink.net>
66) [84867] C6A/WA3WSJ with TunaTin 2 @ 2000 UTC
by John AE5X <ae5x@juno.com>

- 67) [84868] Re: CQWWDX It's over
by "George, W5YR" <w5yr@att.net>
- 68) [84869] Re: New CB Enforcement
by Ray Colbert <w5xe@juno.com>
- 69) [84870] Re: CQWWDX It's over
by Bob Nielsen <nielsen@oz.net>
- 70) [84871] The Canadian Kid's Guide to Getting on the Air
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 71) [84872] RE: Binaural CW
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 72) [84873] Contest- CQWW CW at KA9NZI
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 73) [84874] Re: ANTENNA QUESTION
by Bill Coleman <aa4lr@arrl.net>
- 74) [84875] HTX-100 operating procedure
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 75) [84876] Re: HTX-100 operating procedure
by alan.kaul@att.net
- 76) [84877] Re: New CB Enforcement
by "Mike Yetsko" <myetsko@insydesw.com>
- 77) [84878] FT817: The Wait is Over
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 78) [84879] CQ Nashville, TN :-)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 79) [84880] Is ten meters open 24 hours a day?
by Jeff <fantbb@yahoo.com>
- 80) [84881] CW Copy software
by "Karl F. Larsen" <k5di@zianet.com>
- 81) [84882] That hum thingie & a QSO with another salt . . .
by Nils B Young <rانتinen@juno.com>
- 82) [84883] [FS] - Large Gell-Cell Batteries
by "Jim Dolson" <jdolson@iserv.net>
- 83) [84884] Re: CW Copy software
by "Mike Mellinger WA0SXV" <wa0sxv@mellinger.com>
- 84) [84885] Website re-furbished
by Euramcom <mel@euramcom.freeserve.co.uk>
- 85) [84886] RE: No dummy anymore!
by Mike Gipe <mgipe@reliablemeters.com>
- 86) [84887] Huge thanks: lost diagrams/schematics for BLT
by "Woody Lee" <lee@sms.si.edu>
- 87) [84888] RE: Is ten meters open 24 hours a day?
by "AI2Q Alex" <ai2q@ispchannel.com>
- 88) [84889] Re: EZNEC 3.0
by "Bob Tellefsen" <n6wg@earthlink.net>
- 89) [84890] Re: EZNEC 3.0
by Phil Wheeler <w7ox@earthlink.net>
- 90) [84891] Re: New CB Enforcement
by Jeff <fantbb@yahoo.com>

- 91) [84892] Re: Is ten meters open 24 hours a day?
by wa4dou@excite.com
- 92) [84893]
by Jack Falk <k4byf@juno.com>
- 93) [84894] Re: K-1 problems, problems!
by Wayne Burdick <n6kr@elecraft.com>

Date: Sun, 26 Nov 2000 18:24:49 -0600
From: "George, W5YR" <w5yr@att.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [84802] Re: CQWWDX It's over
Message-ID: <3A21A9D1.C43E8488@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl, I have known a number of top-notch "serious" CW contesters and, trust me, few if any of them ever use(d) a "CW reader" other than their own between-the-ears- "wetware." Nothing else is good enough to work in the environment of a contest with off-frequency signals, QRM, QRN, and you-name-it.

As a computer professional with some for-profit software under my belt, I seriously doubt that practical cw reader software that would be reliable in a contest like the CQWW exists or even could be written.

The plain truth is that the "big guns" really are excellent operators who can copy cw contest exchanges at 30-40 wpm all day/night long on signals that you and I can hardly make out in the mess. They possibly could not carry on a 30-40 wpm QSO for any length of time, even with good conditions, but they know those contest exchanges sub-consciously and are very good at "filling in the blanks."

Sure they use computers/keyers to format and actually send the exchanges from their end. I do the same when Fox hunting, and I bet that you do also. But, trust me again, I am far from being a CW contester in their league! <:}

One of the nation's best told me that for the first five hours of any CW contest, he sets the keyer for 40 wpm and leaves it there. His goal is to work all the other contesters and non-code-impaired ops in that period of time and build up a good basic score. Then his strategy is to start slowing down in stages to work "the rest of us."

I have seen these guys sit and listen to a test tape of DX calls being

played in a simulated pileup at all speeds up to 50 wpm with QRM and QRN mixed in and write down calls. They would turn in lists of 50 or more calls copied, identified and written down. I was lucky to pick out a dozen calls in the same time and was not sure about half of them!

I guess my message is that the Big Guns are GOOD operators, at least in contests. They could do essentially as good with bugs or non-memory keyers as they do with computers. After all, they did for many years before computers came along. The computers are there 99% just to log since ability to keep up a paper log and track dupes by hand was found to be the main factor limiting contest scores.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

"Karl F. Larsen" wrote:

> I will look for a good computer cw reader. I'm convinced most serious guys have this capability.

Date: Sun, 26 Nov 2000 18:28:06 -0600
From: "George, W5YR" <w5yr@att.net>
To: DDORN@CWIS.NET
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [84803] Re: USING RELAYS FOR BAND SW
Message-ID: <3A21AA96.A149FE64@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don, look into the Elecraft K1 and K2 rigs. They use such relays extensively.

See you in the next Hunt!

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

"DONALD G. DORN" wrote:

>
> Hi Folks,
> I am considering building a dual band transceiver for 20 and 40 which
> will use several small SPDT relays for band switching rather than a
> regular multi wafer ceramic band switch. If anybody has tried this or
> can think of any pitfalls to be aware of I would appreciate hearing from
> you.
> 73/72
> Don K5AAR
> Lake Eufaula, Ok.

Date: Mon, 27 Nov 2000 00:31:36
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-1@lehigh.edu>, "Royce Simmons" <w2rbn@prodigy.net>
Subject: [84804] Re: PDF Files
Message-ID: <200011270031.SAA63681@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Try this:

- 1 - open doc in pdf
- 2 - select text selection tool from pdf toolbar
- 3 - select text to be saved in TXT format
- 4 - pull down edit menu and hit copy
- 5 - open a document with notepad or wordpad
- 6 - pull down edit menu and hit paste
- 7 - save new doc...if in wordpad, save as a test file

Larry KA5T
Georgetown, Texas

On Sun, 26 Nov 2000 18:45:27 -0500, Royce Simmons wrote:

>Greetings All,
>
>Is there a way to change a .PDF file into a text file or at least
>extract part of it to text? The source code contained in .PDF files
>can't be ported to an assembler or at least I can't seem to do it.
>
>Any suggestions appreciated,
>
>Royce

>--
>Royce Simmons
>Please note my new Internet ID: w2rbn@prodigy.net

Date: Mon, 27 Nov 2000 00:38:32
From: "Larry Wise" <lewise@txwises.com>
To: "Royce Simmons" <w2rbn@prodigy.net>, "qrp" <qrp-1@lehigh.edu>
Subject: [84805] Re: PDF Files
Message-ID: <200011270038.SAA63703@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Step 7 should be say:

7 - save new doc...if in wordpad, save as a teXt file

On Mon, 27 Nov 2000 00:31:36, Larry Wise wrote:

>Try this:
>
>1 - open doc in pdf
>2 - select text selection tool from pdf toolbar
>3 - select text to be saved in TXT format
>4 - pull down edit menu and hit copy
>5 - open a document with notepad or wordpad
>6 - pull down edit menu and hit paste
>7 - save new doc...if in wordpad, save as a test file
>
>Larry KA5T
>Georgetown, Texas
>
>

Date: Sun, 26 Nov 2000 19:40:25 -0500
From: "John Nall" <nally@talstar.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [84806] Florida and Ham Radio and heroes....
Message-ID: <002901c0580a\$e73373c0\$0200a2c6@dehllsystem>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Earlier this afternoon I posted a note asking for help with identifying a chip.

And, of course, being in Tallahassee, Florida, I also looked at TV to see that all sorts of things are going on here. Not a pretty sight, no matter which party you identify with.

But..you know...the thing that really gets to me more than anything else that is happening on the news, is that not only did I immediately receive helpful replies here on the qrp reflector, but that some of these replies were from people that are, in my humble opinion, legendary people in ham radio. I'm not gonna name any names, but I've been a ham for a long time. And these people are head and shoulders above the crowd. So therefore, I just want to say that ,President or no President, I'm prouder of our ham community than of anything else that I can think of!! And the qrp community in particular.

There...I said it, and I am glad :-)) Flame on, if you are so inclined.

John, AF4WM

Date: Sun, 26 Nov 2000 19:45:37 -0500
From: "Anthony A. Luscre" <aluscre@neo.rr.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [84807] Re: CQWWDX It's over
Message-ID: <20001127004550.AAA18298@roadrunner.neo.lrun.com@neo.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

CQ Worldwide DX Contest - CW
Call: K8ZT
Class: SOAB QRP
QTH: OHIO

Operating Time (hrs): 28
Rig- K2
Power out 4.8 watts
Antenna Somner XP-507 at 50 ft

Summary:

Band	QSOs	Zones	Countries
160:			
80:			
40:	8	6	5
20:	99	22	58
15:	76	18	42
10:	200	23	71
Total:	383	69	176 = 253,575--

Comments-

1. Need an antenna for 40, 80 and 160
2. CW speed definitely assisted by KAM and W1HKJ's KAM software 5.10
3. Able to work over 95% of stations heard with less than 5 watts. Best DX was VQ9 in pileup on first call.
4. I guess I'm still a better phone contester than CW, but three big pluses to CW contesting
 - a. XYL and family doesn't complain about the noise
 - b. Voice is still intact after contest
 - c. Easier to eat and drink without boom mic in the way and never get "caught" with mouth fullwhen finally break the pileup.
5. Only one new country P3A.

|-----|
Anthony A. Luscre
K8ZT
Stow, Ohio
|-----|

Date: Sun, 26 Nov 2000 16:48:37 -0800
From: Dave Fifield <fifield@pacbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [84808] Re: USING RELAYS FOR BAND SW

Message-ID: <002e01c0580b\$ca023240\$0600a8c0@earthlink.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

The K1/2 use LATCHING relays. Why?...because they only use current when changing state (from off to on and vice versa). An ordinary relay will burn power all the time it is energized which is not a good thing for a battery powered QRP rig! You will need to generate pulses to flip the state of latching relays.

Cheers es 72,
Dave Fifield, AD6A

> Don, look into the Elecraft K1 and K2 rigs. They use such relays
> extensively.

Date: Sun, 26 Nov 2000 18:51:51 -0600
From: Glen Reid <k5fx@flash.net>
To: djohn@dwx.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [84809] Re: EZNEC 3.0
Message-ID: <3A21B027.EAC1341F@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All good on Eznec from me. I recommend it highly.

I have found it easy to use, with excellent documentation and great support directly from Roy via email.

gr

Dennis Johnson wrote:

>
> I'd appreciate receiving comments -- good and bad -- from anyone who has
> experience using the EZNEC antenna modeling software. I'm considering
> buying a copy.
>
> Tnx/72 ... Dennis, NOWA

--

GLEN REID

...in the beautiful hill country of TEXAS...

Email: k5fx@arrl.net

"The difference between genius and stupidity is that genius has its limits"

Date: Sun, 26 Nov 2000 16:59:59 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: DDORN@CWIS.NET
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [84810] Re: USING RELAYS FOR BAND SW
Message-ID: <3A21B20F.2B766BC1@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don,

The Elecraft K1 is a two-band rig that does exactly that.

You can find a K1 manual, with parts list and ckt dgm, at
<http://www.elecraft.com> under the manuals link.

73, Phil W7OX

"DONALD G. DORN" wrote:

>
> Hi Folks,
> I am considering building a dual band transceiver for 20 and 40 which
> will use several small SPDT relays for band switching rather than a
> regular multi wafer ceramic band switch. If anybody has tried this or
> can think of any pitfalls to be aware of I would appreciate hearing from
> you.
> 73/72
> Don K5AAR
> Lake Eufaula, Ok.

Date: Sun, 26 Nov 2000 20:10:49 -0500
From: Rick Sealey <rsealey@infoave.net>
To: DDORN@CWIS.NET
Cc: qrp-1@lehigh.edu
Subject: [84811] Re: USING RELAYS FOR BAND SW

Message-ID: <4.1.20001126195503.0096f540@mail.infoave.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Don,

Sounds proper to me. But if battery operation is a concern, I would use latching relays to keep the current requirement down.

Also, you might want to take a look at an article in the Summer 2000 issue of QRPP, p.7, "TWO FOR THE ROAD - A Two Band Transceiver for 40 and 20 Meters" by Wayne McFee, NB6M. He used toggle switches to implement his bandswitching scheme. I haven't seen any comments on the list about this article, but I thought he did a very nice job with his project. Even though he didn't use any relays, it's often beneficial to see somebody else's "take" on something.

Rick - W4SEA
High Point, NC

At 17:34 11/26/2000 -0600, you wrote:

>Hi Folks,
>I am considering building a dual band transceiver for 20 and 40 which
>will use several small SPDT relays for band switching rather than a
>regular multi wafer ceramic band switch. If anybody has tried this or
>can think of any pitfalls to be aware of I would appreciate hearing from
>you.
>73/72
>Don K5AAR
>Lake Eufaula, Ok.

Date: Sun, 26 Nov 2000 18:28:03 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>, <k5di@zianet.com>
Subject: [84812] Re: CQWDX It's over
Message-ID: <B64706B3.3BCF%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Hey Karl - Congratulations on your QRP CQWW showing. In regards to your comments:

"Since I live in Las Cruces, NM I'm closer to Japan than Europe."

According to:

<http://www.indo.com/cgi-bin/dist>

Calculated Distances:

Las Cruces to Tokyo Japan, 6080 miles

Las Cruces to Paris, France, 5349 miles

So it is more or less a wash depending on where in Europe you are trying to work.

Now I suspect that the reason you worked more Japanese stations in CQWW DX is, as you say, that there are more to work and they are more active. Also, I think that all the bounces from the earth in the propagation path to Japan lie on the ocean, whereas to Europe, at least the first one probably lies on ground which is a poor reflector relative to the ocean.

Propagation also plays a role. Around local noon here South American stations usually dominate on 10 M. Transequatorial propagation is very favorable.

Agian, congratulations on your CQ WW showing. The high speed CW that nearly every station ran gave me a headache. :^)= - Duffey

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 26 Nov 2000 17:27:44 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [84813] Re: CQWWDX It's over
Message-ID: <00ac01c05811\$40386560\$c90e480c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

CQWW CW Summary : W6RCL (from Zone 3)

Category : Single Op, All Band, QRP

BAND	Raw QSOs	Valid QSOs	Points	Countries	Zones
80CW	6	6	12	5	5
40CW	48	48	117	18	14
20CW	52	52	142	30	16
15CW	100	100	279	34	19
10CW	86	86	231	32	21
Totals	292	292	781	119	75

Final Score = 151514 points.

Soapbox Comments

Great opening Sunday (after local sunset Saturday) into Zones 14, 15, 16, 17.

Bizarre solar effects Sunday around 14 GMT causing many stations to sound very raspy and as if the power supply was unfiltered AC --- especially the paths directly over the pole from Eastern and Northern Europe..... LA, LY, OH, UA. If you plotted the great circle paths on a map, all the the more southerly routes seemed to have cleaner sounding CW (more like DC).... F, EA, CN. I wonder what my signal sounded like at the other end!

Interestingly, I've got logs from all of my contest efforts (which I'm going to look at for some detail and analysis), but I think my QRP contest probably averages about the same number of QSO's per hour as my 100w QRO contests. A couple of other contests in which I ran a KW were significantly better in total score.

I urge everyone who worked anything in the contest to put together a log (computer or paper/pencil) and to submit to CQ. If you used computer logging, your entries can be e-mailed.

For the record, I can usually copy contest exchanges up to 30-35 wpm, and usually use computer logging and cw-sending. I DO NOT HAVE A COMPUTER PROGRAM TO CONVERT INCOMING CW TO TEXT.

THE CQWW is A tough contest for the QRP operator. This year I found it

difficult to get a run going by calling CQ. And the pileups often required many calls to get thru.

Nonetheless -- the only thing worse than being in a CW contest is NOT BEING IN A CW CONTEST!

I had about 16 hours of operating time and was able to get some sleep, to take the jr. ops to activities, and to go out to dinner both Friday night and Saturday night.

Power was 5W to an FT-847, and antennas included a baseloaded vertical (HF2V) on 80M and a Force 12 C4sx1 (2-elements each band, 40-20-15-10).

72/73 de alan

Alan Kaul, W6RCL, LaCanada-Flintridge, CA
<http://home.att.net/~alan.kaul/index.html> (links to QRP and contest pages, etc)

Date: Mon, 27 Nov 2000 01:34:54
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: ntan@crosslink.net
Cc: qrp-1@Lehigh.EDU
Subject: [84814] Re: laptops and psk31
Message-ID: <F98xgLNnQRoVPWnOIwQ000053b8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

If you have a PCMICA slot, you may be able to find a sound card that will plug in there. Of course if the rest of the older laptop has enough performance to keep up with PSK31 is another question.

73 - Mike WA8BXN

Get more from the Web. FREE MSN Explorer download : <http://explorer.msn.com>

Date: Sun, 26 Nov 2000 20:59:33 EST
From: TheMardster@cs.com
To: qrp-1@lehigh.edu

Subject: [84815] (Contest) N9SE CQWW report
Message-ID: <34.d505760.27531a05@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Wow! CQWW was great this year! My QRP entry will be as follows:

40CW	6	QSOs	10	Points	5	Countries	5
Zones							
20CW	58	QSOs	159	Points	42	Countries	23 Zones
15CW	67	QSOs	182	Points	50	Countries	22 Zones
10CW	160	QSOs	449	Points	90	Countries	27 Zones

Final Score = 211,200 points.

Soapbox Comments

Wow! QRP DXCC in one weekend, with 90 countries on 10 m...what a thrill!
Perhaps next year I'll use 1 watt!

I hope everyone had as much fun as I did. I'm astonished at the results. I even slept both nights. 8) I was going to go for the gusto and run my K2 using 1 watt, but I thought I would try it this year with the Omni VI plus, running 5 watts. I'm glad I did. I found several times when I needed to use the 250 Hz filters in both IFs and the DSP NR.

Maybe someday Elecraft will come out with a super-deluxe contest rig...

72 de N9SE, Marty Ray
n9se@arrl.net

Date: Sun, 26 Nov 2000 18:13:38 -0800 (PST)
From: Steve Yates <aa5tb@yahoo.com>

To: rantinen@juno.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [84816] Re: AC hum, power supply stuff & the usual questions
Message-ID: <20001127021338.24141.qmail@web3006.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Nils,

Try bypassing the rectifier diodes in the ATU's power supply with something like 0.01uF capacitors. You may get by with just bypassing the input/output leads of the power supply with capacitors to ground although it is usually the diodes themselves that cause the problem. Often times RF floating around the shack (LO or signal itself) can be modulated at 60Hz due to the diodes being turned on and off at 60Hz. It is not that the diodes themselves are fast enough to respond to RF but the RF path is being switched on and off at 60Hz which in turn changes the RF environment at 60Hz.

This may sound like a long shot and there may indeed be a more down to earth explanation but this solution has solved hum problems with SW broadcast signals on old receivers of mine before.

=====

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

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Yahoo! Shopping - Thousands of Stores. Millions of Products.
<http://shopping.yahoo.com/>

Date: Sun, 26 Nov 2000 19:15:46 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Dennis Johnson <djohn@dwx.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [84817] Re: EZNEC 3.0

Message-ID: <Pine.BSI.3.96.1001126191456.13832C-100000@usr01.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It's good. I used ELNEC previously, and EZNEC is a bit better. I haven't seen the Windows version yet, but I hear that it's even better.

Chris

On Sun, 26 Nov 2000, Dennis Johnson wrote:

```
> I'd appreciate receiving comments -- good and bad -- from anyone who has
> experience using the EZNEC antenna modeling software.  I'm considering
> buying a copy.
>
> Tnx/72 ... Dennis, N0WA
>
```

```

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 / extinct stuff, anyhow? /
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```

High Performance Mixers and Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Sun, 26 Nov 2000 18:13:50 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [84818] CQWW report
Message-ID: <000301c05817\$b10bb340\$af0c480c@default>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you want to fill out a computerized report on your claimed score in the CQ WW CW Contest (to see how it checks out with other QRP/LP/HP/Multi- etc. scores, visit the following url:

<http://www.hornucopia.com/3830score/>

Submit the score there, and then check on all the reports at <http://www.contesting.com/> by clicking on the little box marked "3830" on the lower left side of the page.

72/73 de alan

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>

Date: Mon, 27 Nov 2000 02:23:55 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: qrp-1@lehigh.edu, elecrafft@qth.net
Subject: [84819] CQWW DX, the K2 and QRPDupe
Message-ID: <200011270219.TAA18693@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I thought I'd play around with CQWW this weekend, mainly to try out the latest version of Brian Kassel's QRPDupe. I've been using this for nearly a year now, in all it's versions. This is a logging program that you need. It's primarily for QRP contests, but he has included the major contests such as Field Day, CQWW DX, and so on. Very easy to use, and, with a simple interface, it will key your rig, and send your exchange.

Anyway, I worked about 7 1/2 hours with the K2 at 5 watts, and, much to my surprise, got 101 Q's, 80 mults and 16320 points. Not a great score, but plenty good for me. Among the DX worked are:

Cayman Islands
Cuba
Japan
Sweden
Belgium
Asiatic Russia

European Russia
Morocco
Phillipines
Indonesia
Costa Rica
Norway
Finland
Brazil
Ecuador
Argentina
Panama
Chile
Guadeloupe
Uruguay
Ghana

So, the operation of the K2 makes me very happy. Some of the speeds were quite fast, but listening to a couple of contacts allowed me to get the call, and the rest was easy. Now I wish I'd spent more time at it, and maybe gotten QRP DXCC, but maybe next year.
The antenna, BTW was the Cushcraft D4 rotatable dipole.

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255, K1 #41

<http://www.extremezone.com/~nk7m>

Date: Sun, 26 Nov 2000 19:31:05 -0700
From: "dwinfield" <dendav@dzn.com>
To: <k5di@zianet.com>, "qrp-1" <qrp-1@lehigh.EDU>
Subject: [84820] Re: CQWWDX It's over
Message-ID: <004501c0581a\$18b54220\$c826fea9@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Karl and gang:

I have a couple of CW "readers". One is software (Hamcomm) and the other is hardware (N4UAU's Super CW station), thus the following "uninformed" opinion:

Neither one works well with any signal that doesn't move the S-meter. Neither one works well with sending that rates less than a 7.5 on a scale of 1 to 10 (it has real problems with both straight keys and bugs being used improperly). Neither one works well with signals on a crowded band. For the record, I used them on a QRO rig with DSP filtering down to 50 Hz. Yes, I'm a wannabe contester :-)

For casual use on a quiet band with a good fist and strong signal, they work great.

I have used both in DX and domestic contests, and was only able to work the loudest stations. Of course, other people may have had better results using different readers, but I have come to the conclusion that while Hamcomm is a good program for PnP RTTY contesting, as a CW reader it has too many limitations to be of use in a contest. The CW station (which I use as a keyer, because I can actually see what my sending looks like and not have to guess at the speed it's set at) has the same limitations as Hamcomm, with the addition that there is only one line displayed, and it scrolls pretty fast at 25 to 30 wpm.

I tried last year's DX contest with Hamcomm, and after a very poor outcome, decided to stay under the DX contest porch until my skill improves the old fashioned way. I found I tend to rely too heavily on the reader and not enough on my ears, which teaches me nothing, and severely self-limits my score.

72/73 es oo,

Dave, KB5MHS
Far Left Texas, DM61ts

SOC #371, Flying Pig #-109, QRP-L #2176

QRP - It's a swine thing

----- Original Message -----

From: Karl F. Larsen <k5di@zianet.com>

>

> So planning for 1 year from now some changes are going to be made.
> I will build a coupler so both my keyer and the computer can key the
> radio as I choose. I will have this all set to connect to my ts-50. I will
> send some bugs I found with the QRP-Dupe and those will be corrected.
> nothing major of course. I will look for a good computer cw reader. I'm
> convinced most serious guys have this capability. And I will set up a
> schedule of what band at what time. This will help me find the dx.

>

> Yours Truly,

>

> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
>
>

Date: Sun, 26 Nov 2000 22:12:10 -0500
From: w3eru <w3eru@drix.net>
To: <qrp-l@Lehigh.EDU>
Subject: [84821] Headphones
Message-ID: <4.3.2.7.2.20001126220129.00b6e100@204.245.170.31>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

There was big thread about good headphones for

QRP rigs..check these out: 115db/mw 40 ohm
20-22000Hz. nr..190.0240 and the price is rite..
AT....www.cyberguys.com

I have no connection wi5th the company, just think it may help...

W3ERU Wes
ARRL
FISTS #2099
QRPARCI 8304
CW is my Mode

Date: Sun, 26 Nov 2000 22:17:31 EST
From: K4YBB@aol.com
To: qrp-l@lehigh.edu
Cc: K4YBB@aol.com
Subject: [84822] ANTENNA QUESTION THANKS
Message-ID: <29.d19f6f8.27532c4b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

To all who responded;

Thank you very much for answers to my antenna question and thanks for
suggestions of other antennas that may do a better job of doing what I had in

mind which was a horizontal antenna that would radiate equally poorly in all directions

THANK YOU FOR SOME VERY USEFUL INFO.

72 / 73 Jim K4YBB

Date: Mon, 27 Nov 2000 00:10:07 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [84823] Re: Contest
Message-ID: <200011270444.XAA31256@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> The question might be, why even exchange signal reports at all?

>

Indeed. In fact, I believe I heard more than one station simply send their zone, which received a "TU" in response.

Although the rules say to exchange RST, sending anything other than 599 can lead to confusion.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 26 Nov 2000 22:52:55 -0600
From: "Gordon Couger" <gcouger@couger.com>
To: <nally@talstar.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [84824] Re: Florida and Ham Radio and heroes....
Message-ID: <088601c0582d\$e886e0e0\$8e2cccd0@home.xxx>

From: "John Nall" <nally@talstar.com>

> Earlier this afternoon I posted a note asking for help with identifying
a

> chip.

>

> And, of course, being in Tallahassee, Florida, I also looked at TV to
see

> that all sorts of things are going on here. Not a pretty sight, no
matter
> which
> party you identify with.
>
> But..you know...the thing that really gets to me more than anything else
> that
> is happening on the news, is that not only did I immediately receive
> helpful replies here on the qrp reflector, but that some of these
replies
> were
> from people that are, in my humble opinion, legendary people in ham
radio.
> I'm not gonna name any names, but I've been a ham for a long time. And
> these people are head and shoulders above the crowd. So therefore, I
> just want to say that ,President or no President, I'm prouder of our ham
> community than of anything else that I can think of!! And the qrp
community
> in particular.
>
> There...I said it, and I am glad :-) Flame on, if you are so inclined.
>
> John, AF4WM

John,

When you are where history is being made it's a little different than
sniping from the wings. But there is plenty of blame to go around. After
what you saw it is easy to be proud of the ham community. Even Herbie
doesn't look too bad from were you sit:)

Gordon W5RED
G. C. Cougar gcouger@provlue.net Stillwater, OK

Date: Sun, 26 Nov 2000 20:58:23 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [84825] Re: Contest
Message-ID: <015901c0582e\$ac4951c0\$91414cd1@johnmori>

> Indeed. In fact, I believe I heard more than one station simply send
> their zone, which received a "TU" in response.
>
> Although the rules say to exchange RST, sending anything other than
> 599 can lead to confusion.

I worked several who sent "enn" as their report (plus their zone).
Now that's *really* cut numbers!

72,

John, K6QQ

Date: Sun, 26 Nov 2000 22:27:47 -0700
From: "Floyd Smithberg" <flydnq7x@primenet.com>
To: "QRP-L Message" <qrp-l@Lehigh.edu>
Subject: [84826] CQWWCW
Message-ID: <000701c05832\$dbab0040\$a53184ce@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>From some of the QRP scores already posted, appears that we all did well. I
managed to
get in ~15 hours and picked up 4 new ones...now 172 worked. Got some nice
ones like

HS0AC, JX7DFA, TS7N, BW2000, R1ANF (So Shetlands) three 9M6, BA1DU, B7K,
HL1CG, OH0V, 9G5AA, etc. Most worked were: EU=75....JA=78.

Band	QSO	POINTS	COUNTRIES	ZONES
20CW	26	74	23	
13				
15CW	59	165	26	
16				
10CW	169	478	67	
26				
	254	717	116	

55

Final Score = 122,607 points

Rig: TS850S 5Watts....Ant: 3el Triband....TR-Log on 486 TP plus CMOSIII

Again, send in your logs, regardless of score!!

Floyd NQ7X Phoenix, AZ ScQRPion DM33uq

Date: Sun, 26 Nov 2000 21:41:49 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [84827] Re: EZNEC 3.0
Message-ID: <20001127054149.81575.qmail@web10003.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

> > I'd appreciate receiving comments -- good and bad -- from anyone
> who has
> > experience using the EZNEC antenna modeling software. I'm
> considering
> > buying a copy.

I'd highly recommend it. I have the DOS version and really liked it. I downloaded the Windows EZNEC Demo to compare it to the DOS version and found I was doing all my modeling on the Windows version. Just easier to use. I bought the full blown version shortly there after. Whats nice about the Windows version you can see the antenna take shape as you plug in the coordinates. Which makes it alot easier. After you design the antenna you just hit the FF Plot button and bang you see the pattern in 3D. After that you just slice it up to see what you want. Very easy to do.

Hope this helps!

Jeff

=====
AB6MB
Stop censorship on mailing lists!
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798

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Date: Mon, 27 Nov 2000 00:01:31 -0600
From: "Jerry Scherkenbach" <jerrys@execpc.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: "W9ZAK, Mark" <mzakula@attglobal.net>, "W9XU, Lon"
<Lon.Richoz@amermsx.med.ge.com>, "W9LR, William Ribish"
<w9lr.radio@worldnet.att.net>,
"NK9G, Rick" <mcgaver@execpc.com>, "N9ZEW, Gary"
<garyraasch@worldnet.att.net>, "N9XRO, Jack" <jackn9xro@aol.com>, "N9NLQ, Wayne"
<hofric@juno.com>,
Subject: [84828] Milliwatting in the CQWW
Message-ID: <020501c05837\$7f11ea60\$1983cfa9@Pjerrys>

After working Rumi, LZ2RS, a couple of months back on 20 mtrs using about 200mw I was hooked. He worked me with only 50mw which he said was the first time he had worked the USA on 20 mtrs with that power level. Since I couldn't accurately measure my power at that low level I bought a WM-2 wattmeter kit, built it, and decided to try for DXCC using only milliwatts.

For mostly work related reasons, my quest to start this personal challenge was delayed until this weekend. I've always enjoyed the CQWW CW contest. In 1989, a few years after getting interested in QRP I entered the contest as single op, 15 mtrs, QRP. Well, that's a pretty limited category but I was really amazed to work 90 countries with 5 watts that weekend on 15 mtrs. I was even more amazed when a #1 World certificate showed up for that effort. Like I said, its a pretty limited category - I think there were around 40 entries.

Anyway, for this year's CQWW CW I decided to try Milliwatting. So, with the WM-2 set to 900 milliwatts I started out on 10 mtrs on Saturday morning. When I look back I was awful casual about not getting in until 1547z (9:47 am CST), however, I didn't think it would turn out this well. Today, Sunday, I also got a late start. Now I wish I had started earlier. Maybe I could have got those 100 countries while milliwatting in one weekend.

My goal was to work as many countries as I could, not QSOs or points. I mostly worked one QSO per country but did have a few extra QSOs with Japan, England, France and Hungary.

The results:

900 mw

110 QSOs..... 95 countries.....10/15/20 meters. Most QSOs were made on 10 mtrs.

Worked all continents. Most QSOs were with common countries but also had some not so common ones.....3V, OX, JX, OH0, PY0F, JW, A3, 9G, KH0, 9H, FR, YJ, TZ, VP8/H and VR2.

Equipment: Yaesu FT1000MP, Oak Hills Research WM-2 wattmeter, antenna is

a Mosley Pro-57B at 50 feet.

The bottom line.....this was really a lot of fun. I don't think I will be hesitant to operate in the 'less than 1 watt' category in future QRP ARCI contests.

Observations.....

- #1....patience. If you're not the type to be patient milliwatting might not be for you.
- CQing.....forget about it, I didn't even try
- Packetcluster.....I used it but avoided newer spots where the pileups were likely to be big
- Rare countries spotted on packet.... always a big pileup....forget about it
- Stay with the highest open band. The QSOs were easier to make. Stay alert to propagation changes for your area. Jump around between the two highest bands when the highest band doesn't seem to be producing.
- Generally, the louder they are, the faster the QSO unless there is a pileup.
- Timing, as always in DXing, is key. There were a number of QSOs made where timing made the difference because there was always someone calling besides me. Not really a pileup but the higher power stations will almost always beat you.
- Code speed.... don't be afraid to crank it up, if you're comfortable with higher speed that is. I hear a lot a QRP ops slow way down, maybe thinking their signal will be easier to copy if their CW is slower because the signal is weaker than most. Not so, some of the DX ops have a rhythm they are trying to maintain and seem to answer stations that fit it.
- Forget that you're running QRPremember, your QRP signal is not that far down in S units from the big guns, everything else being equal (whenever that happens). 100 watts to 1.5 watts (or so) is theoretically 3 S units.

I hope everyone that operated the contest had as much fun as I did.

72

Jerry N9AW

Date: Mon, 27 Nov 2000 00:26:30 -0700
From: "Tntjoe" <tntjoe@qwest.net>
To: "list QRP" <qrp-l@Lehigh.EDU>
Subject: [84829] WM2 Wattmeter
Message-ID: <NEBBIJDBGLGEDGHDAACCGOEPLCDAA.tntjoe@qwest.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello gang

Just got done building the WM2 wattmeter alignment it the way it says in the instructions but when I hook it up to the radio it only reads that I have .5 watt output I know that the radio puts out 4 watts any help would be appreciated

73
Joe KC7TNT

Name TNTJOE
Ham Radio KC7TNT
Phone # 602-867-7045
Fax # 602-867-7045
Fists C/W Club # 4213
Fists CC # 864

Date: Mon, 27 Nov 2000 08:01:23 -0500 (EST)
From: Rich Mulvey <mulveyr@iname.com>
To: Tntjoe <tntjoe@qwest.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [84830] RE: WM2 Wattmeter
Message-ID: <XFMail.001127080123.mulveyr@iname.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 27-Nov-00 Tntjoe wrote:

> Hello gang
> Just got done building the WM2 wattmeter alignment it the way it says in
> the instructions but when I hook it up to the radio it only reads that I
> have .5 watt output I know that the radio puts out 4 watts any help would be
> appreciated
>

Do you have it hooked up to a known 50 ohm load, or to an antenna?

Also, did you perhaps accidentally leave the switch in the "reverse" position?" :-)

- Rich

--

Catapultam habeo. Nisi pecuniam omnem mihi dabis, ad caput tuum saxum immane mittam.

Date: Mon, 27 Nov 2000 08:34:18 EST
From: Shephed@aol.com
To: <qrp-1@lehigh.edu>
Subject: [84831] Cub Fox: N8IE
Message-ID: <17.e077df1.2753bcda@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello one and all!

I will be the Cub Fox tonight, look for me at 9:00pm (EST) around 7.120 or 7.140 depending on BC QRM.

I will setup at 10WPM, and the standard exchange will be:
(your call) tu 559 oh dan 5w (your call)

Station info:

Knwd TS-440 @ 5watts to a verticle.
Kettering, Ohio

Hope to see you all tonight!

72, oo
Dan, N8IE

Date: Mon, 27 Nov 2000 08:41:21 EST
From: K5BDZ@aol.com
To: tntjoe@qwest.net, qrp-1@lehigh.edu
Subject: [84832] Re: WM2 Wattmeter
Message-ID: <51.40148fa.2753be81@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Joe

Have not built the WM2 Wattmeter, but one thing to note on all these wattmeter circuits is the winding direction of the inductors. All else being the same, reversing winding directions also reverses the "fwd - ref" connections on the meter outputs. You might flip the switch between fwd / ref to see if that's the case, provided you have a 50 ohm load to the antenna port.

Let us know what you find.

Bill, K5BDZ

Date: Mon, 27 Nov 2000 06:48:52 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: dwinfield <dendav@dzdn.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [84833] Re: CQWWDX It's over
Message-ID: <Pine.LNX.4.10.10011270639110.794-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My experiance on 10 meters this CQWW period was that all the guys I worked were quite strong. And they were it sounded like using CMOS keyers and canned responses. When it came to the message they ran the speed pot to full on. For the callsign and cq they backed off to 35 wpm. I called some weak ones and had little luck. I called many who were very strong in Europe and never worked them.

The canned messages at 50 wpm a computer reader should do well on. And as I admitt, getting the call sign was a time consuming problem. I would hope the reader would copy the computer sent cq message well. Will sure find out in a few weeks.

On Sun, 26 Nov 2000, dwinfield wrote:

> Hi Karl and gang:

>
> I have a couple of CW "readers". One is software (Hamcomm) and the other is
> hardware (N4UAU's Super CW station), thus the following "uninformed"
> opinion:
>
> Neither one works well with any signal that doesn't move the S-meter.
> Neither one works well with sending that rates less than a 7.5 on a scale of
> 1 to 10 (it has real problems with both straight keys and bugs being used
> improperly). Neither one works well with signals on a crowded band. For
> the record, I used them on a QRO rig with DSP filtering down to 50 Hz. Yes,
> I'm a wannabe contester :-)
>

Well get some experiance with the other QRP things we do and the
various cw dx contests.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Mon, 27 Nov 2000 08:55:36 -0500
From: Corey Dean <kf3dy@repeater.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [84834] Re: Contest
Message-ID: <3A2267D8.583C04F7@repeater.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well all, I have just got into QRP from a friend and rand 5 watts on 15
and 20 with my icom 746, I then went to a MFJ 9040 QRP CW rig for 40
meters and had a blast. I must say it got me hooked. Anyone I heard, I
was able to work with my 1.8-3 watts out. I usually had to listen 3
times before catching the entire callsign. There was one big plus out
of all of this though...

I felt comfortable running around 10-13 words a minutes until this
contest. After listening to that speed, I found I could copy code a lot
faster. Now tonight it will sound fast to me again.

So, enough bandwidth taken up from here. Time to go do some research
for the first QRP right I want to buy as a kit for 30 or 40 meters... 72
and 73 to all.....

Corey KF3DY

Steven Weber wrote:

>
> > The question might be, why even exchange signal reports at all?
> >
> Indeed. In fact, I believe I heard more than one station simply send
> their zone, which received a "TU" in response.
>
> Although the rules say to exchange RST, sending anything other than
> 599 can lead to confusion.
>
>
> 72,
> Steve, KD1JV in the white Mountains of New Hampshire
> "melt solder"

Date: Mon, 27 Nov 2000 13:50:47 -0000
From: Vic Winton <Vic.Winton@trafford-press.com>
To: "'muglesto@megsinet.net'" <muglesto@megsinet.net>, Low Power Amateur Radio
Discussion <qrp-l@lehigh.edu>
Subject: [84835] RE: CQ WW
Message-ID: <C94AC5B1B413D411ABDC009027177A641CAD@trafford01.trafford-press.com>
MIME-Version: 1.0
Content-Type: text/plain

Hi Brad,

Re your Alinco DX70 only outputting a couple of watts.

Mine is suddenly doing the same !!

If you find out why please let me know !!

Could be a bad SWR 'cos the protect system cuts in pretty hard

Regards,

Vic Winton GW4JUN

-----Original Message-----

From: muglesto@megsinet.net [mailto:muglesto@megsinet.net]
Sent: 25 November 2000 18:43
To: Low Power Amateur Radio Discussion
Subject: CQ WW

de KI00T, Brad

PS any one have any ideas why my Alinco DX-70TH won't put out more than about 2 watts on 10 & 15 (even on high power)? I've had it for a few years but usually only run 20M and up and on low power (usually around 4 watts) - Hope I didn't break anything.

Date: Mon, 27 Nov 2000 06:59:20 -0800
From: Roger J Wendell <zeekzilch@juno.com>
To: cqclist@cqc.org, qrp-l@Lehigh.EDU
Subject: [84836] New CB Enforcement
Message-ID: <20001127.065925.-517277.0.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Associated Press 11-23-00

Local officials could crack down on CB radios that cause interference under legislation signed by President Clinton on Wednesday. This would include allowing local governments to enforce regulations prohibiting people from operating CB equipment in "...excess of permitted power levels."

WB0JNR
<http://WWW.RogerWendell.com>

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 27 Nov 2000 08:30:47 -0600
From: clifton w sikes <n5uw@juno.com>
To: qrp-l@lehigh.edu
Subject: [84837] QRP DXCC.....I did it!

Message-ID: <20001127.083055.-6749.2.n5uw@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

I don't like to blow too much smoke here, on the list, but I did it. After 5 years of hit and miss effort, I worked country number 100. This was a personal goal, so I'm not fishing for pats on the back. I will encourage you all to get on the bands, think loud, and think positive. It can and will happen, if you do more operating than talking.

72,

Clif N5UW (EX AB5UA)

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 27 Nov 2000 14:18:18 -0000

From: "Thom Durfee" <wi8w@arrl.net>

To: <zeekzilch@juno.com>

Cc: <qrp-1@lehigh.edu>

Subject: [84838] Re: New CB Enforcement

Message-ID: <004401c0587c\$e3f754c0\$b50e1f40@bignet.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

That's just great.

Now just how long will it be before your local officials figure out that they can class your station under this law in order to get your station off the air when your neighbor, or neighborhood association complains about your antenna or tower? Have you caused any local TVI lately?

Looks to me like a great tool for creating antenna "free" zones.

Anyone have a link to the complete language of this law?

73

Thom Durfee WI8W

wi8w@arrl.net

<http://www.braarc.net>
QRPARCI #4015
QRP-L #1761
SOC #249
ARS #760
FP #165

Date: Mon, 27 Nov 2000 14:20:23 -0000
From: "Thom Durfee" <wi8w@arrl.net>
To: <n5uw@juno.com>
Cc: <qrp-1@lehigh.edu>
Subject: [84839] Re: QRP DXCC.....I did it!
Message-ID: <004b01c0587d\$2e47fd40\$b50e1f40@bignet.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Congrats!

Now for the new challenge. 100 countries QRP in one weekend during a contest.

Been there, Done that.

Again Congrats!

73

Thom Durfee WI8W
wi8w@arrl.net
<http://www.braarc.net>
QRPARCI #4015
QRP-L #1761
SOC #249
ARS #760
FP #165

Date: Mon, 27 Nov 2000 09:31:10 -0500
From: "Woody Lee" <lee@sms.si.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [84840] lost diagrams/schematics for BLT

Message-ID: <sa2229e1.063@simail1.si.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Hi group,

Over the holiday weekend I started on my backlog of QRP kits and discovered I misplaced the paperwork for the Norcal BLT. I have the cover sheet = (single page with written directions on both sides), but I have none of = the drawings nor schematics. I did a quick internet search and found no = web pages with that information. Would anyone know of such a site?

Thanks,
Woody Lee KF4LTT

=20

Woody Lee
Research Assistant
Smithsonian Marine Station at Fort Pierce
701 Seaway Drive
Fort Pierce, FL 34949

561.465.6630 ext.145 telephone
561.461.8154 fax
lee@sms.si.edu

www.sms.si.edu

Date: Mon, 27 Nov 2000 08:40:43 -0600
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [84841] Re: CQWWDX Band's Dead!
Message-ID: <3A22726B.DAF3F9D0@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Despite the flares, I didn't notice much effect on 10 m. here. By late Sunday, 10 m. activity seemed to have dropped down to the

lower end of the band (the novice/tech freqs were hopping on Saturday and early Sunday) but it was still heavy. Even on Sunday afternoon, the band was still open to the Pacific and South America as I would normally expect with a solar flux around 200.

I was able to work Japan, Saipan/Marianas, and Hawaii with 5 watts well after local sunset here. I could hear Australia and NZ, but with lots of flutter and did not succeed in working them.

For those of us with less experience or knowledge of propagation effects on signal quality, has anyone ever posted sound clips to a web site? I assume that the odd sound I heard in CW from Finland, Sweden, and Greenland on Sunday morning was auroral modulation of some sort. It made a single signal sound like several "voices" in chorus, each slightly out of tune with the others. Phase modulation due to multipathing? Not the same as the "echo" you sometimes get when a signal is (presumably) arriving via both the short and long paths.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Mon, 27 Nov 2000 09:49:35 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <wi8w@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [84842] Re: New CB Enforcement
Message-ID: <015601c05881\$6317bf20\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've looked around and have found no concrete evidence to back the rumor of this new 'threat' up at all.

So until I see otherwise, I'm going to consider it an 'urban legend'.

HOWEVER, there HAVE been real attempts in the past to do just this but the attempts have all been thwarted in the past as 'bad laws' that would do more harm than good.

I believe just this last summer there was pending legislation to allow local enforcement of 'interference issues' that was derailed when the ARRL got involved.

Sure, something like this IS a real possibility, but after seeing the news in QST and other HAM radio oriented media on previous attempts, I would find it very surprising that something like this could just suddenly appear out of nowhere and make it all the way to being signed into law.

Unless of course, it was from a Florida Registered Voter....

I'm with Thom... I want a link to something concrete. Not a vague statement that things are about to fall into the outhouse opening....

Mike

Date: Mon, 27 Nov 2000 09:53:49 EST
From: WB9MII@aol.com
To: qrp-1@lehigh.edu
Subject: [84843] CQWW - what went on here.....
Message-ID: <a8.d88e13e.2753cf7d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello folks,
It's been very interesting reading the "soapbox comments" . Here's what went on here for the contest. Without putting in a whole lot of time I worked 14 zones, 37 QSO's. Used my MFJ 9020 and 9040 and sunday morning I wanted to try 10 so I broke out my century 21 at 5 watts. Antennas used (both indoors) were a compressed W3EDP on the inside of my windowsill and a floor to ceiling PVC pipe wrapped in wire. Did well on 20, on 10 I just worked NP4A.. Seems to me that the DX ops on 10 and 40 were too busy hitting the automatic message buttons on their megadollar keyers to bother to listen if anyone might actually be answering them..but that is just my opinion. On 40 I worked 1 guy in NY for zone 3, tried calling the EU stations and also a VE1. The VE1 was a near miss (WB ?) no joy at all on the EU stations on 40. Best catch: 9G5AA (they're sharp ops). Also worked PJ, VM5, RU1, OH, etc. I think (again my opinion) that I'd have a better score if some spent a second or two listening for answers not just constantly hitting keyer buttons to hold a freq. All in all, after 27 yrs as a ham I'm still amazed with what can be done with low power and marginal antennas.

72

Greg WB9MII

Date: Mon, 27 Nov 2000 09:00:02 -0600
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [84844] Re: CQWDX Computers, code speed, cut numbers
Message-ID: <3A2276F2.104CA633@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I heard a lot of this, but I assumed it was just guys with one hand on the speed knob of their electronic keyer. Interesting to me was the fact that the effect observed was just the opposite of what I experience in the CW SS:

In the SS, many ops could be heard slowing down to my sending speed when they responded to me. The slowdown could be heard taking place WHILE they transmitted my call and before they reached the admittedly complex SS exchange.

In the CQWW, no one slowed down for me at all, even though I was sending at only about 22 wpm. Instead, they would speed up AFTER sending my call at their normal speed, sending the exchange at sometimes blinding speeds. Fortunately, the CQWW exchange is very predictable and simple, which may be why they do this.

I also heard far more "cut numbers" than I ever have before. Not only the familiar "N" for "9", but a lot of "T" for "0" and "A" for "1". In one case, I heard a "D" for "8". Thank goodness we had a discussion of this topic here a while back, or I'd have never figured the latter ones out. When you are sending at 30 wpm or more, the time saved by using these is insignificant. Really.

I've always avoided the CQWW because of the code speeds. I'm pleased that I was able to survive it, and only had to skip a few stations who were sending just too darn fast, but I still think the QRQ wars have gone too far. Some of those stations are missing more potential contacts than they are saving in time. And I agree with what many QRP advisers have written: when using QRP levels, slower code is often easier for the other guy to copy. "Dots" are especially prone to get lost. I notice that my call is often copied as KA9NZE or KA9NZ, sometimes even KA9NM, requiring an extra repeat or fill.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Mon, 27 Nov 2000 09:30:04 -0500
From: ed.kwik@delphiauto.com
To: PDouglas12@aol.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [84845] Re: PSK31 on surplus laptops
Message-ID: <052569A4.004FCAA7.00@usabhm99.mail.delphiauto.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Try UBUD.COM for refurbished corporate computers. I got a great IBM Thinkpad for \$400 with WIN 95 installed

Date: Mon, 27 Nov 2000 08:23:40 -0800
From: Roger J Wendell <zeekzilch@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [84846] New CB Enforcement
Message-ID: <20001127.082344.-517277.2.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I agree with Mike and Thom but must add that the CB information I quoted was directly from an AP story out of the Denver Post. Although I didn't quote the entire article (because of my copyright concerns) there wasn't much more information.

I've just searched the Denver Post Online and can't find a link to the article but can tell you that it was found on page 15A of their Thanksgiving Day edition.

WB0JNR
<http://www.RogerWendell.com>

-

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Date: Mon, 27 Nov 2000 10:17:00 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: w5yr@att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [84847] Re: CQWWDX It's over
Message-ID: <3A227AEC.A51@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George,

I have to agree, most of the top contesters I have worked are simply top notch operators. They got to where they are by practice and well lthought out station improvements. I have never seen any of them use a CW decoder. If you look at the technology, CW decoders are only about 15 years old. They suffer false decoding from QRM, QRN, and QSB, and perform badly under crowded band conditions. They may be useful for teaching but they are a disaster when used in a contest. I would hate to buy one and plan to use it only to find it didn't do teh job!

Good contest operators can be trained. The Russians used to require their beginning operators to spend hours just logging callsings at their contest stations. They were also required to confirm 100 countries before they got their Novice permits! Made for a bunch of very good operators!

You can do the same thing. Just listen during a contest and start writing down the exchanges as you hear them. I would bet, if you are motivated, you will be doing 30+wpm in a year or better! Don't try to operate, at least in the first few contests. Wait, and you will see an improvement. Don't look for technological solutions, they will always be 5 to 10 years behind!

73

Date: Mon, 27 Nov 2000 09:18:55 -0600
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'dafouchey@home.com'" <dafouchey@home.com>, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [84848] RE: Source for foam sheets (QRP related)

Message-ID:

<E78D8A9D6762D411B5440008C791D4AA0130326F@dfwex03.allegiancetelecom.com>

MIME-Version: 1.0

Content-Type: text/plain

You can also (usually) find foam sheets in various sizes AND thicknesses at fabric stores, like "Hancock's Fabric World" and that ilk. They even have pre-formed shapes like foam wedges (to cover and make a bed-type reading pillow). I've bought foam in pad sizes of 12" X 12" X 3" (thick), stacked them up in a fiberglass "suitcase", then cut it out to fit my rigs.

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----

> From: david fouchey [SMTP:dafouchey@home.com]

> Sent: Saturday, November 25, 2000 1:55 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Source for foam sheets (QRP related)

>

> Hobby Shops and Craft Stores usually have foam sheets, blocks and other shapes fairly cheap.

>

> Also if looking for foam such as is used in foam cushions check places like K-Mart or Wal-Mart in their bedding departments. I picked up a cheap foam mattress and used it to make a cushioned case to carry my Telescope optics.

>

> Dave

> WA4EMR/8

>

> Andrew Madsen wrote:

> >

> > I'm looking for foam of the type used in gun cases to make a padded case for a complete QRP station. The foam I'm looking for is about 1/2" (approximately, I've not measured it). The plan is to make cutouts in it to make padded compartments for the different elements of the station. It needs to be fairly thin, because the top and bottom layers shouldn't have cutouts, that way everything will be padded on all sides. Color is irrelevant. Thanks in advance for any info.

> >

> > --

> > 73,

> > Andrew Madsen AC7CF

> > ac7cf@qsl.net

> > <http://www.qsl.net/ac7cf>

> > AOL IM: ac7cf
> > FISTS nr. 7439 | QRP-L nr. 2180
> > FPQRP#-71 | A.R.S nr. 738
> > SOC #376 | UARC | ARRL
> > Norcal | NOGAQRP | NJQRP

Date: Mon, 27 Nov 2000 07:23:37 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [84849] CQWW @ 700mW
Message-ID: <20001127152337.16165.qmail@web701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Saturday was an excellent day for DX in the cqww contest. Sunday I was mW/Mobile for a couple hours, and made a few QSO's in spite of the Solar QRN.

On Saturday I concentrated on 10/15M and landed several new DXCC countries. If you remember I started working on Milliwatt DXCC in January 1999, and have 72 confirmed so far.

New countries include; ES9C Estonia, YP3A Romania, Z30M Macedonia, J75KG Dominica, 6Y7A Jamaica, TZ6DX Mali, TS5N Tunisia, EI4DW Ireland, EW1WZ Belarus, P3A Cyprus, LZ1NG Bulgaria, OX/N6ZZ Greenland, EA6BX Balearic Islands, and ZB2X Gibraltar.

Sunday from the pickup truck while parked and waiting for the XYL, I did the hunt/pounce for about 1 1/2 hrs.

In the truck with mobile antenna I also ran 700mW and bagged the following. NP4A, WP2Z, ZF2RR, HC8N, CT3BX, EA8BH, C6AKW, ZF2NT, AL70, FY5KE, EA4ML, and NH7/N6HC.

One new DXCC while mobile Sunday, PZ5JR Suriname.

Looks like 15 new countries this weekend! Happy dance!
Now to confirm them... hi hi

In the week before the contest I got HI9/DL DXA Dominican Republic, 5C8M Morocco, V31DI Belize, and JW5DW Svalbard. That's 4 more!!

If I can confirm all 19 my total will jump to 91.

My equipment; Elecraft K2, Oak Hills WM-2 QRP watt meter, 10-15M antenna 2 el quad.

This stuff is totally fun!

Oh, almost forgot. I tried and tried to work BD4ED in China with 700mW, even 850mW but never made it even when I called in the clear. He was nearly 599 banging in here. So rather than jinx myself and my personal callsign with "QR0" 5w, I called him with NQ5RP. At 5w and after several tries in the clear finally got through!

Once your in his log at 5w, he wont work you again at lower power so thats why I did it that way.

72/3's de Jim KJ5TF
"All Milliwatts, All The Time"

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

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Date: Mon, 27 Nov 2000 09:21:58 -0600
From: Bcieslak@ra.rockwell.com
To: qrp-l@Lehigh.EDU
Subject: [84850] CONTEST: QRPdupe and CQWW
Message-ID: <0F865D7480.8AB8AD62-ON862569A4.00533F40@ra.rockwell.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

All I can say is that Brian K7RE has put together a sweet program for CQWW. I didn't run across any bugs during my operation. The window that decoded the prefix and identified the country worked well. Even a few surprises for me, HC8N was on the Galapagos Islands and not Ecuador so I better work him, R1ANF was not just any Russian but in

Antartica, HF0POL was not just another Polish station but on the Shetland Islands...There was a lot of DX I would have just passed over. The Keyer ran without a hitch. And thank goodness the program handles all the paperwork.

Good work Brian and by the way ARRL 10-meter contest is just 2-weeks away (hint hint-nudge nudge-wink wink)

Brian AE9K

Date: Mon, 27 Nov 2000 09:27:53 -0600
From: "John Burnley" <JBurnley@ifmc.org>
To: <qrp-l@lehigh.edu>
Subject: [84851] Contest: CQWW with the IAQRP-10 and NC-20 (Long)
Message-ID: <sa222934.039@IAWEB01.ifmc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Hi gang. CQWW is now history and from reading some of the QRP-L posts there were quite a few QRP'ers on the bands. CQWW=20 is one of my favorite contests and provides a chance to get a few new ones. Some of the posts that I have read range from frustration to exhilaration. My goal for posting this is to = encourage=20 those who are a little gun-shy about participating in the contests (because they feel a QRP signal won't cut it). Nothing could be further than the truth. Last year I worked around 56 counties using my=20 NC-20 and a shortened loop (inductively loaded) in about 4 hours. The = loop is=20 physically cut to formula length for 15 meters. The antenna is located in = the attic over my garage (approx 12-14 feet off the ground). As you can = imagine there is probably some serious detuning going on up there (hi). This year I again used my NC-20 (I love this as a contest rig) and the IAQRP-10. = The IAQRP-10 is a SST based rig with modifications made by Mike Fitzgibbon (NOMF). Mike wrote an outstanding article with FB illustrations by Paul Harden (NA5N). The article appears in the current (Fall 2000) issue of = QRPp=20 (journal of the NorCal QRP Club).

There were several comments in earlier posts to avoid pile-ups. I couldn't agree and disagree more. The answer to pile-up participation is 'it depends'. It depends on the propagation, the competition, and in=20 a large part your antenna efficiency (especially that old feedline). I've found that I can routinely break pile-ups just using my indoor shortened attic = loop (usually between 5 - 10 calls and often in the first 3 calls). You can't = always depend on the 'rule of thumb' that how I receive their signal is an = approximation on how they receive my signal. I've made many contacts (even pile-up = breakers) with what I would consider a marginal received signal. This was reinforced= yesterday when I called a VK4 (in the contest) and he came back on the first call = (with others calling). He was at best a 539 (I mean a contest 599 hi). The bottom = line is that as long as you are in the passband of some of those narrow filters being used = by the=20 contest ops, then you have a fighting chance.

Success also can depend on the band of operation. 20 meters has always = been a good DX watering hole for me with my peanut setup. It's also easier = to=20 determine the competition from here in the midwest from received signals. = 10=20 meters is a different animal. There may be no indication of a pile-up yet the DX could have thousands of stations calling. Here you may want to=20 pick your battles depending on the rarity of the DX station.

My participation (as always) is spot checking the bands for conditions and = openings. I operated (on average) about =BD hour with 1 to 3 hours in between = sessions (all those honey-do-it-or-else chores) with total operating time around 4 - 5 = hours. There was no operating Saturday night (watched a movie with the XYL since she = was really good about letting me slip down and check the bands every so = often). 20 meters was (as expected) easy to make contacts and to bust through some of the = competition. 10 meters was more difficult (and probably for several reasons). I think = the biggest

problem was the amount of activity on the band causing QRM. I had several broken contacts because of adjacent QRM. They could get partial calls but with the pace of some of the ops, there was not enough of a break to get the contact through.

The NC-20 performed great (as usual) and I ended up with 36 contacts and 20 countries. The following countries were worked: W (USA), VE (Canada), EA (Spain), OH (Finland), CT3 (Maderia Islands), J7 (Dominica), 9G5 (Ghana), RW2 (Kaliningradsk), UP0 (Kazakhstan), NH7 (Hawaii), HI3 (Dominican Republic), VP5 (Turks & Caicos), 6Y (Jamaica), RU1 (European Russia), SK3 (Sweden), PJ2 (Netherland Antilles), C6 (Bahamas), JA (Japan), ZL (New Zealand), HC8 (Galapagos Island), CN8 (Morocco), LU1 (Argentina), 4M4 (Venezuela), and ZF2 (Cayman Islands). The NC-20 has 70 Khz of tuning range on the 20 meter CW segment.

The IAQRP-10 exceeded my expectations! I am very impressed with the performance of this rig! The rig has about a 20 Khz tuning range with a lower and upper segment (with some overlap for a total of about 30 Khz; just guessing here as I never measured it against another rig). I was using one of Mike's prototypes (his proto work beats my finished work). Competition was really stiff on 10 and I had many comments from the other ops about QRM. Here success was a little more difficult but I jumped in whenever I heard a station that I had not worked yet. Totals for 10 meters were 33 contacts and 28 countries. The following countries were worked: GM (Scotland), OX (Greenland), OH0 (Aland Island), I (Italy), VE (Canada), NH7 (Hawaii), VK (Australia), VP5 (Turks & Caicos), TI (Costa Rica), W (USA), JH (Japan), XE (Mexico), NP4 (Puerto Rico), OT (Belgium), OL (Czech Republic), PI4 (Netherlands), V2 (Antigua), DK (Germany), J3 (Grenada), FM (Martinique), CN (Morocco), 8P (Barbados), HG (Hungary), S5 (Slovenia), F (France), P3 (Cyprus), G (England), and YT (Yugoslavia),

Again the purpose of this post is to encourage others to turn on those =
rigs during the
contests. You can have success with simple equipment and simple antenna =
systems!
I hope to have my K2 finished before the WPX CW contest as that is another =
great
chance to pick-up some more DX! I had the pleasure of working Field Day =
with the
NoGa folks and used this rig (it is a great contest rig).

Summary:

Rigs: NC-20 (NorCal kitted 5 watts) and IAQRP-10 (NOMF prototype 3 =
watts)

Antenna: Fractal Wing Loop (shortened inductively loaded using an =
MFJ-949E tuner

to load on both bands).

Paddles: NorCal paddles

Total Contacts: 69

Contacts 20 M: 36

Countries 20 M: 25

Contacts 10 M: 33

Countries 10 M: 28

Total Operating Time: 5 hours (or less)

72, John NU0V

Date: Mon, 27 Nov 2000 07:34:53 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [84852] Re: laptops and psk31
Message-ID: <20001127153453.40485.qmail@web10005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Mike WA8BXN <hubby2k@hotmail.com> wrote:

>

> If you have a PCMICA slot, you may be able to find a sound card that
> will
> plug in there. Of course if the rest of the older laptop has enough
> performance to keep up with PSK31 is another question.

There are also external DSP units that will do PSK31 also. Then again by the time you spend all the money on a PC/MIA or the external unit it would have been cheaper to get another used laptop with a sound card built in! This is the problem I ran up against as I have a color laptop with no sound card. 8-(

Jeff

=====

AB6MB

Stop censorship on mailing lists!

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

Do You Yahoo!?

Yahoo! Shopping - Thousands of Stores. Millions of Products.

<http://shopping.yahoo.com/>

Date: Mon, 27 Nov 2000 09:38:52 -0600

From: Jim Giammanco <giamman@rouge.phys.lsu.edu>

To: qrp-l@lehigh.edu

Subject: [84853] OT - Re: New CB Enforcement

Message-ID: <3A22800C.7095E557@rouge.phys.lsu.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

No word on ARRL site, but the AP site carried the article.

<http://wire.ap.org/APnews/center_story.html?

FRONTID=NATIONAL&STORYID=APIS78E23G80>

see <<http://thomas.loc.gov/>> and search for HR2346 for the texts of 6 versions of this bill.

not clear which was signed into law. All apparently exempt any *licensed* radio station, i.e., amateur, business band, etc.

Now all we'll have to do is convince our local/city/county/parish/state entity that "we're not cb"

72

Jim N5IB

Date: Mon, 27 Nov 2000 10:33:20 -0500
From: "Hugo W. Catta" <hugo@optonline.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [84854] FS: Mizuho 17 M QRP SSB/CW HT
Message-ID: <008701c05887\$5f77f460\$484fbf18@laptop>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

2-watt, Mizuho(Santec, Ltd), 17M, HT with whip
antenna and battery pack. New condition. The unit runs ssb and cw for the
entire band.

72,
Hugo
CX9AAK/W1

Date: Mon, 27 Nov 2000 09:48:54 -0600
From: Gary Lee Phillips <ka9nzi@arrl.net>
To: qrp-1@Lehigh.EDU
Subject: [84855] Re: New CB Enforcement
Message-ID: <3A228266.8E5723DE@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK, here's your concrete information.

The bill was H.R. 2346, originally introduced to Congress in 1999. It
was passed by the House this summer, amended in the Senate, and
returned to the House where it passed again (by unanimous voice vote,
apparently.)

Sent to the President for his signature on November 14. I have no
indication that he has signed it, but see no likely reason that he would

not do so.

It isn't a long or complicated bill. You can find the full text at
<http://thomas.loc.gov/>

The wording is very clear. It applies only to illicit use of citizens
band

transmitters or similar non-type-accepted equipment. It explicitly exempts any station licensed by the FCC and operating within the authority of such license. Local governments would have to pass an enforcement law before they could take action under this bill, and then could only apply the law to unlicensed operations or those using CB type-accepted or non-type-accepted equipment.

I'll reserve judgement on whether this is a good thing or not. My suspicion is that very little will come of it, if anything.

--Gary Phillips, KA9NZI
ka9nzi@arrl.net

Date: Mon, 27 Nov 2000 08:31:26 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: lee@sms.si.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [84856] Re: lost diagrams/schematics for BLT
Message-ID: <3A228C5E.7B2E10CA@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Woody Lee wrote:

>
> Hi group,
>
> Over the holiday weekend I started on my backlog of QRP kits and discovered I misplaced the paperwork for the Norcal BLT. I have the cover sheet (single page with written directions on both sides), but I have none of the drawings nor schematics. I did a quick internet search and found no web pages with that information. Would anyone know of such a site?
>

Woody,

I just forwarded a message to you with versions I scanned in July. Let me know if that worked. If not, I will print them and fax them .. but the email version should be more readable.

73, Phil W7OX

Date: Mon, 27 Nov 2000 10:08:48 -0700
From: "Dittmar, Mark" <Mark_Dittmar@Maxtor.com>
To: "'Qrp-L list'" <qrp-l@Lehigh.EDU>
Subject: [84857] Stuff FS
Message-ID: <00CE81D78991D411BC4100E00900000413282D@mcoexc04.mlm.maxtor.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Several items FS:

1) Two (2) Basic Stamp 2 BS2 modules. Two (2) carrier boards for the BS2. One is used, the other new. The carrier boards have a prototyping area, clips for 9V battery, a reset button, and a DB-9 serial port connector. W/ programming software. \$105 shipped CONUS for all.

2) Radio Shack Probe-Style Oscilloscope, "operates alone or with your computer", w/ Windows/win95/Dos Software, serial cable and power cable. Original box and manual. \$35 shipped CONUS.

3) Unbuilt Hamtronics CC432-5 UHF Receiving converter kit , with case and hardware. This unit converts 435 - 437 Mhz to 28 - 30 Mhz.

\$60 shipped CONUS.

73,

Mark, AB0CW

Date: Mon, 27 Nov 2000 11:17:52 -0600
From: "George, W5YR" <w5yr@att.net>
To: w6toy@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [84858] Re: CQWWDX It's over
Message-ID: <3A229740.2425155A@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce, we are clearly on the same page re contest operators' skills.

But, if the "you" in the your last paragraph is addressed to me personally, I appreciate the operating tips and recommendations to

secure a higher code copying speed, but for the record, I have been copying 30+ wpm since about 1947! <:}
And the last thing that will ever grace the shack is a code-copying program or machine!

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Bruce Muscolino wrote:

>

> George,

> You can do the same thing. Just listen during a contest and start
> writing down the exchanges as you hear them. I would bet, if you are
> motivated, you will be doing 30+wpm in a year or better! Don't try to
> operate, at least in the first few contests. Wait, and you will see an
> improvement. Don't look for technological solutions, they will always
> be 5 to 10 years behind!

Date: Mon, 27 Nov 2000 10:18:28 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [84859] CQWWDX Done
Message-ID: <Pine.LNX.4.10.10011271015170.1129-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT

Well my log in Cabrillo format below is turned in. Didn't spend much time this year but enjoyed what I did do. The job is now done and history.

START-OF-LOG: 1.0
ARRL-SECTION: NM
CONTEST: CQ WW DX
CALLSIGN: K5DI
CATEGORY:Single Operator QRPp 10 Meters Only
CLAIMED SCORE:6867
OPERATORS:K5DI
CLUB:
NAME:Karl F. Larsen
ADDRESS:PO Box 74

ADDRESS:Mesilla Park, NM

ADDRESS:

SOAPBOX: I'm sure rusty with my 40 wpm copy. May need a computer cw

SOAPBOX: copy device!

QSO:	28000	CW	2000-11-25	2231	K5DI	559	4	NW6H	559	6
QSO:	28000	CW	2000-11-25	2236	K5DI	559	4	K4EA	559	5
QSO:	28000	CW	2000-11-25	2237	K5DI	559	4	N4TO	559	5
QSO:	28000	CW	2000-11-25	2241	K5DI	559	4	JA2AXB	559	25
QSO:	28000	CW	2000-11-25	2245	K5DI	559	4	JH1AEP	559	25
QSO:	28000	CW	2000-11-25	2252	K5DI	559	4	JA5DQS	559	25
QSO:	28000	CW	2000-11-25	2337	K5DI	599	4	JN2MSO	559	25
QSO:	28000	CW	2000-11-25	2339	K5DI	599	4	JI2RXQ	599	25
QSO:	28000	CW	2000-11-25	2340	K5DI	599	4	JA3ZJW	599	25
QSO:	28000	CW	2000-11-25	2343	K5DI	599	4	JA2QVP	599	25
QSO:	28000	CW	2000-11-26	0012	K5DI	599	4	JA2ZJW	599	25
QSO:	28000	CW	2000-11-26	0013	K5DI	599	4	JR1LEV	599	25
QSO:	28000	CW	2000-11-26	0017	K5DI	599	4	JJ1ZXE	599	25
QSO:	28000	CW	2000-11-26	0019	K5DI	599	4	JF3CCN	599	25
QSO:	28000	CW	2000-11-26	0020	K5DI	599	4	JG2TKS	599	25
QSO:	28000	CW	2000-11-26	0044	K5DI	599	4	JA6GCE	599	25
QSO:	28000	CW	2000-11-26	0046	K5DI	599	4	N6DF	599	4
QSO:	28000	CW	2000-11-26	0047	K5DI	599	4	JI2BFC	599	25
QSO:	28000	CW	2000-11-26	0049	K5DI	599	4	JH4UYB	599	25
QSO:	28000	CW	2000-11-26	0051	K5DI	599	4	JH5FXP	599	25
QSO:	28000	CW	2000-11-26	0054	K5DI	599	4	JH4FUF	599	25
QSO:	28000	CW	2000-11-26	0136	K5DI	599	4	JA1OZK	599	25
QSO:	28000	CW	2000-11-26	0137	K5DI	599	4	JS4RNY	599	25
QSO:	28000	CW	2000-11-26	0143	K5DI	599	4	JA7NVF	599	25
QSO:	28000	CW	2000-11-26	1657	K5DI	559	4	VE7SV	559	3
QSO:	28000	CW	2000-11-26	2145	K5DI	559	4	LP1F	559	13
QSO:	28000	CW	2000-11-26	2149	K5DI	559	4	LU5FA	559	13
QSO:	28000	CW	2000-11-26	2151	K5DI	559	4	K4IX	559	4
QSO:	28000	CW	2000-11-26	2157	K5DI	599	4	VJ6JT	559	7
QSO:	28000	CW	2000-11-26	2202	K5DI	599	4	VE6BMX	559	4
QSO:	28000	CW	2000-11-26	2206	K5DI	599	4	JA1YXP	559	25
QSO:	28000	CW	2000-11-26	2210	K5DI	599	4	9M6AC	559	27
QSO:	28000	CW	2000-11-26	2213	K5DI	599	4	NP3A	559	8
QSO:	28000	CW	2000-11-26	2215	K5DI	599	4	KP2XO	559	8
QSO:	28000	CW	2000-11-26	2219	K5DI	599	4	J3A	559	8
QSO:	28000	CW	2000-11-26	2222	K5DI	599	4	JR3PMX	559	25
QSO:	28000	CW	2000-11-26	2226	K5DI	599	4	JQ3QYL	599	25
QSO:	28000	CW	2000-11-26	2228	K5DI	599	4	JR9MAR	599	25
QSO:	28000	CW	2000-11-26	2230	K5DI	599	4	JI7OED	599	25
QSO:	28000	CW	2000-11-26	2232	K5DI	599	4	KG7H	599	3
QSO:	28000	CW	2000-11-26	2234	K5DI	599	4	KL7RA	599	1

QS0: 28000 CW 2000-11-26 2237 K5DI 599 4 JA3X0G 599 25
QS0: 28000 CW 2000-11-26 2240 K5DI 599 4 JS FUW 599 25
QS0: 28000 CW 2000-11-26 2244 K5DI 599 4 JF2ION 599 25
QS0: 28000 CW 2000-11-26 2246 K5DI 599 4 JR4PMX 599 25
QS0: 28000 CW 2000-11-26 2247 K5DI 599 4 JA1CPZ 599 25
QS0: 28000 CW 2000-11-26 2248 K5DI 599 4 K7KJ 599 3
QS0: 28000 CW 2000-11-26 2252 K5DI 599 4 JA2BY 599 25
QS0: 28000 CW 2000-11-26 2253 K5DI 599 4 JS6WSN 599 25

END-OF-LOG:

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Mon, 27 Nov 2000 09:35:45 -0800
From: Jim Lowman <jmlowman@ix.netcom.com>
To: GElam30092@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [84860] Re: assistance request.... mic for Index Lab qrp radio, any suggestions?
Message-ID: <3A229B71.A334B86D@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not sure if this will be that helpful, Gerry, but I bought a QRP+ from a ham in Salt Lake City a few years ago, and a microphone was included in the deal. Not sure if it was included with the original purchase, but it was one of the MFJ models. If you need further info I can take a look at it for a model number. Sorry to be so vague, but I've never used it (the mic, that is!).

If you can locate Stan Yarema's e-mail address, he still provides service on the Index Labs transceivers and might be able to help you further.

72 de Jim - AD6CW

GElam30092@aol.com wrote:

>
> "I do some QRP, mostly on CW, from time to time with my Index
> Laboratories. I did to try to work K5K on 10 meters, I've already had on
> QRO from the 1980 operation, but I had no success breaking the huge
> pile-up.

>
> I need a better microphone to match the Index, I'm using an Icon HM-65
> which works very bad. Any idea? "
>
> >From a friend of mine..... any help is appreciated!
>
> 73,
> Gerry Elam
> PHX AZ

Date: Mon, 27 Nov 2000 12:56:22 -0500
From: "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
To: qrp-l@Lehigh.EDU
Cc: w0mc@hotmail.com
Subject: [84861] FOX: RE: Jerry, W0MC, Cub Fox last Monday
Message-ID: <51643DBAD36BD411851300E029265867019B09ED@SUSDAYTE53>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

I know this is a little like old news since this took place a week ago but I am just getting back to reading the digest and wanted to comment.

I was also listening and there seemed to be lots of sigs. Heard one that was extremely strong and the call sounded familiar so I returned the CQ. It was indeed a rare DX for me. I know my signal must have gone completely around the world and almost back to it's starting point. :) Turns out Rusty, KC8NOJ is in my local ham club and lives a couple of miles from me and that's why I knew his call. I have talked with him a lot on the local repeater, don't know why his call didn't ring a bell right away but it didn't. :(We had a nice relaxed chat for about 30 minutes with armchair copy the whole time.

Sounds like I wasn't the only that made contacts. And that's the way to make this thing a success even if Murphy is doing his best to foil our plans!

It's been said many times but certainly bears repeating. This is supposed to be fun. I've been on the wrong end of Murphy's antics plenty and I don't let these things bother me. Takes the fun away and then Murphy certainly wins without a doubt. So, if you don't hear the fox make a contact with someone else and have a nice chat. Then your (and the other station too) are the winners.

Jerry, Thanks for being the Cub Fox and I'll get ya next time!

72 de Ron, N8VAR

Date: Mon, 27 Nov 2000 13:03:28 EST
From: K4IA@aol.com
To: Bcieslak@ra.rockwell.com
Cc: qrp-1@lehigh.edu
Subject: [84862] Re: QRPdupe - where to find?
Message-ID: <ca.d59f1ac.2753fbf0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For those of us who missed it . . .

Where do we find QRPdupe?

K4IA
Buck
Fredericksburg, Virginia USA

Want REAL CHEAP long distance service?
Tune to http://www.ld.net/?bucksavers

Date: Mon, 27 Nov 2000 11:46:10 -0500
From: ed.kwik@delphiauto.com
To: Bob W7AVK <rsrolfne@atnet.net>
Cc: qrp-1@Lehigh.EDU
Subject: [84863] Re: Welcome to ubud.community
Message-ID: <052569A4.005C6F20.00@usabhm99.mail.delphiauto.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

make that UBID.COM

Sorry just a post CQWW typing glitch. I did not plan to do any of the contest. Got sick on Friday, spent all day Saturday in bed, felt well enough on Sunday to put in about four hours. About 75 QSOs and 5 or 6 new countries. Still about five short of DXCC. Mostly on 10 and some on 20. Found out that my 15 meter wire Maxon rectangle worked well on 10! Only problem is it does not rotate.

Worked zones 14, 15 like crazy. Used my Triton at 5w.

Ed AB8DF

Date: Mon, 27 Nov 2000 11:06:50 -0700
From: "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
To: "'QRP-l Messages'" <qrp-l@lehigh.EDU>
Subject: [84864] FOX: Notice / Warning Fox #11 (11-28-00) 7 PM MST.
Message-ID: <5899595F9867D311BC0A00805F57884D01FB5E6F@copland.tci.com>
MIME-Version: 1.0
Content-Type: text/plain

To: Whom it may concern.

On Tuesday, November 28 at 7 PM Mountain Standard Time, QRP-L Fox Hunting session #11 will begin around and probably just above 7.040 MHZ.

You will not be blinded by fast CW, however computer logging and computer sending of the Foxes exchange will be used when possible. The hound's call being recognized will be sent at the beginning and the end of my exchange. I will make liberal use of the rit and all available filters as needed.

My goals are to:

Have fun.
Work as many hounds as quickly and as accurately as possible.
Have fun.
Experience "the other side" of a Fox pileup.
Have Fun.
Become a better CW Op due to this experience.
Have fun.

My intent is to keep my TX frequency clear, so please help yourself and each other by not calling on my frequency. I suspect I will often times hear partial calls and will need fills to get your entire call correctly, so please listen carefully.

Band conditions and number of hounds being heard will determine if and when the listening frequency will move closer to the Fox TX frequency.

The station: TT Omni VI, LDG AT-11, E-W 80 meter Windom at 30 ft, N-S 40 meter Delta Loop at 25 ft and 1/4 wave 40 meter HB vertical will be up to the task. The Op has a vision as to how this should work, but having never done this before, I don't know how long that will last before it turns into

a fight for survival. hi. GL one and all.

Ron ki0ii

Soon to be Fox #11

Date: Mon, 27 Nov 2000 13:08:38 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [84865] Re: CQWWDX It's over
Message-ID: <3A22A326.6931@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George,

The you was used in a general sense. I don't doubt your skills. I do sometimes doubt mine! I think what I was saying is if anyone wants to develop the skills a contest operator has he only has to PRACTICE. Some directed practice helps, but still the practice must be there!

73

Almost exclusively CW since 1956.

Date: Mon, 27 Nov 2000 10:12:44 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: K4IA@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [84866] Re: QRPdupe - where to find?
Message-ID: <3A22A41C.1B9F2B98@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K4IA@aol.com wrote:

>

> For those of us who missed it . . .
>
> Where do we find QRPdupe?
>

Google (search engine) says that it is here:

<http://www.dancris.com/~bkassel/>

Phil

Date: Mon, 27 Nov 2000 13:23:30 -0500
From: John AE5X <ae5x@juno.com>
To: qrp-1@lehigh.edu
Subject: [84867] C6A/WA3WSJ with TunaTin 2 @ 2000 UTC
Message-ID: <20001127.132350.-337717.1.ae5x@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I just worked Ed C6A/WA3WSJ on 10 meters while parked on a turn-out on the Appalachian Trail near Vernon, NJ. As you probably know, he is a member of this list and asked me to post here that he will be on the air at 2000 UTC (5pm Eastern) this afternoon from the Bahamas using his TT2. I'll be listening for him between 7041-7043 kilocycles.

He was 599 here at my QTH and was using his K2. Sounded great.

John Harper AE5X
HW-9, OHR-100A/20M, NC-40A, DSW20, SST30, SST40
Outdoor QRP: <http://www.qs1.net/ae5x>

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 27 Nov 2000 12:30:09 -0600
From: "George, W5YR" <w5yr@att.net>
To: w6toy@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [84868] Re: CQWWDX It's over
Message-ID: <3A22A831.E925B285@att.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just rattling your chain, Bruce! <:}

I figured that you were speaking to the editorial "you," but, since you did address the posting to me as well as to the list, I felt "honor bound" to respond.

I would have to find minor fault with your observation that practice will develop the skills of a contest operator. I think that age plays a significant role in one's ultimate contesting capabilities. But, without practice, nothing else is of much use.

>From my experience, and from observing a number of much younger contest operators over the years, as one grows longer in the tooth I have found that the mental ability to focus and dwell on multiple inputs and reactions diminishes. This is especially true when an activity like a contest requires sharp, full-up operating for hours on end.

I think that this is one of the main reasons that we find so many of the classic contest stations - W7RM, W3LPL, W3LR, and others come to mind immediately - owned and designed and maintained by a "senior" op but primarily manned in the heat of battle by a crew of (usually) much younger ops. Some of the older guys are still in there, but they tend to be the exception rather than the rule.

Anyway, had to rattle your cage a bit, Bruce. At least we clearly agree on the role of code copying machines in contests: none at all. I hope that our younger QRP-L readers will take this to heart and not expect some magic technological gift to come along and make it unnecessary for them to continue to improve their CW skills.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Bruce Muscolino wrote:

>
> George,
>
> The you was used in a general sense. I don't doubt your skills. I do
> sometimes doubt mine! I think what I was saying is if anyone wants to
> develop the skills a contest operator has he only has to PRACTICE. Some

> directed practice helps, but still the practice must be there!

Date: Mon, 27 Nov 2000 11:41:53 -0700
From: Ray Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [84869] Re: New CB Enforcement
Message-ID: <3A22AAF1.D4E598E2@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

<http://news.cq-amateur-radio.com/news.htm>

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111
NCT2 (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Why pay for something you could get for free?
NetZero provides FREE Internet Access and Email
<http://www.netzero.net/download/index.html>

Date: Mon, 27 Nov 2000 10:48:55 -0800
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [84870] Re: CQWWDX It's over
Message-ID: <20001127104855.C2214@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Mon, Nov 27, 2000 at 06:48:52AM -0700, Karl F. Larsen wrote:

>
> My experiance on 10 meters this CQWW period was that all the guys
> I worked were quite strong. And they were it sounded like using CMOS
> keyers and canned responses. When it came to the message they ran the
> speed pot to full on. For the callsign and cq they backed off to 35 wpm. I
> called some weak ones and had little luck. I called many who were very
> strong in Europe and never worked them.
>

> The canned messages at 50 wpm a computer reader should do well on.
> And as I admitt, getting the call sign was a time consuming problem. I
> would hope the reader would copy the computer sent cq message well. Will
> sure find out in a few weeks.
>

I have never used a software code reader but I expect that there would be two problems with this:

1. The QRM was quite heavy.
2. If the speed varies, I suspect it takes several characters before the software can re-sync.

Hopefully one can copy their call at a speed much in excess of where they can get solid copy and then you only need to worry about the zone number, which gets confusing at times with some of the abbreviations used (n = 9 is ok, but a = 1, d = 8, etc., took me a while.)

A confession is in order here: I ran QRO (100w). With my makeshift "corner fed horizontal L" (hey, it fits the shape of the roof and doesn't look all that bad in EZNEC) I probably would have only gotten a few contacts at 5 watts. Fortunately I was able to pick up several new countries, including D4 AND A61 and worked 9M6 on 40 meters where this antenna is definitely NVIS. If I can get a Yagi up by next year, I'll definitely go the QRP route.

73, Bob

--

Bob Nielsen, N7XY
Bainbridge Island, WA

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Mon, 27 Nov 2000 12:54:59 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: "Brian.Buydens@usask.ca" <Brian.Buydens@usask.ca>
Cc: Timothy Ray <tray@istar.ca>, dnorman@rac.ca, qrp-1@lehigh.edu, qrp-canada@lists.gpfn.sk.ca
Subject: [84871] The Canadian Kid's Guide to Getting on the Air
Message-ID: <Pine.OSF.4.20.0011271236140.7670-1000000@duke.usask.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

I have spent the weekend reviewing the requirements according to Industry Canada, and then looked at topics I would like to see included in a kid's

beginners guide. From there I created a concept map based on Interest Level, Degree of Difficulty, Prerequisites, and Pedegogical principles (as opposed to the Androgogical ones in most electronics books).

Needless to say, this process produced a Table of Contents quite unlike those found in the standard adult references. And, as stated earlier I will not be using diagrams or text from existing materials as that would constitute plagiarism and besides the material would not be suitable for kids anyway. (I do plan to explore with Industry Canada the possibility of including their diagrams in my publication, as they are required to pass the exam.)

It is my opinion that a document produced from this basis would not infringe on the Copyright of any existing publication that I know of.

It is my plan to develop materials based on this revised table of contents. I may decide to post materials to the web for comment or use by the Amateur Radio Community.

The url can be found at:

<http://duke.usask.ca/~buydens/ham/basic/index.html>

Please let me know if you have any objections or concerns. Positive comments would also be welcome ;-)

Brian.

Brian Buydens
Veterinary Electronic Data Specialist
Computing Services, University of Saskatchewan
email: Brian.Buydens@usask.ca
<http://duke.usask.ca/~buydens>
VE5RDV

Did you hear about the two antennas that got married? The wedding was a disaster but the reception was great!

Date: Mon, 27 Nov 2000 14:03:17 -0500

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'ku7y@qsl.net'" <ku7y@qsl.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [84872] RE: Binaural CW
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C7A6@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi, Ron,

I went to:

<http://www.arrl.org/members-only/qqnsearch.html>

and typed in CW AUDIO FILTER. Among the results were:

ARRL Periodicals Index Search

Items 1 to 1 of 1

Issue Page Title Author

Feb 1986 QST 15-19 Simple, Effective Receiving Aid, A

Keywords: CONSTRUCTION HOMEBREW CW AUDIO FILTER Sommer, Robert, N4UU

73,

Ed Hare, W1RFI

-----Original Message-----

From: Ron, KU7Y [mailto:ku7y@qsl.net]

Sent: Thursday, November 23, 2000 1:26 PM

To: Low Power Amateur Radio Discussion

Subject: Re: Binaural CW

Hi All,

I'm here once again but in the digest mode. And doing all my emailing "off line" so I am running a bit behind.

But I remember that in one of the ARRL Handbook issue there was a simple to build audio filter that split the audio into two channels. I was always going to make one but then I loaned that issue out and have never seen it again!

Maybe Ed or someone else could figure out which issue that was in.

Good to be back.

We will be leaving Boise, ID for Quartzsite, AZ in a few days.....just trying to finish the Turkey Day event and then dodge the storms.

cul, Ron KU7Y
Full time RVing somewhere in the West!

Date: Mon, 27 Nov 2000 13:12:19 -0600
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-1@lehigh.edu
Subject: [84873] Contest- CQWW CW at KA9NZI
Message-ID: <200011271912.NAA20002@mail.lib.colum.edu>

I spent more time on this than I had intended to, mostly because 10 m. was quite active and I was looking for more new countries on the chance that I might still make it to the 100 for the Millennium certificate.

I did pick up nine new ones, including Aland Island (OH0V) and Saipan (NH0S) that I wouldn't even have realized were new countries except that Brian's QRPDUPE program identified them by name (rather than as Finland and USA as I would have assumed them to be.) Still leaves me wanting 24 more before December 31, which is unlikely given my limited operating habits. Unless the 10 m. contest is really hot (and I suspect the flux will be down by then) I'm not going to make it.

But the contest itself was fun. QRPDUPE had some small glitches, but did the main job as needed and made things much easier. I don't use the keyboard for CW, but really can appreciate the dupe and multiplier tracking.

In just under 11 hours of operating time, 10 of which were on 10 m. and the rest on 15, I made 61 QSOs and an estimated total of 10692 points. Nothing spectacular, but at least I got through it intact.

Noteworthy contacts included KL7Y for zone 1 and OX/N6ZZ for zone 40. Funny how I had to wait 18 years for Alaska and then got it in both the SS and the CQWW. I needed Lithuania and got it three times in the first 90 minutes. Other exotics included Ceuta & Melilla, EA9LZ (had to look that one up in the atlas for sure) and several Caribbean islands I hadn't yet logged. Heard a JX8 (Jan Mayen Island) but gave up on the pileup, which continued for several hours on 28.135 Saturday.

With respect to QRP and pileups, I may have waited in line

on a couple of them for several minutes, but always managed to be heard eventually if I wanted to. I did drop the attempt on a few that would have been multipliers for this contest but were not new countries for my overall log. When the path was poor for QRP, the DX ops usually were quite patient once they heard me. However, as noted in a previous message and unlike the SS, no one seemed to slow down at all.

This was certainly the first time I've ever managed WAC in a single weekend, and all QRP too.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Mon, 27 Nov 2000 14:18:16 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <K4YBB@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [84874] Re: ANTENNA QUESTION
Message-ID: <1001027141815.0AA18160@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 11/25/00 10:19 PM, K4YBB@aol.com at K4YBB@aol.com wrote:

>I have an antenna question. As I understand dipoles, the straight
>dipole impedance is 75 ohms at center, if you make a "V" out of the dipole
>and the feed point angle is 90 degrees the impedance is 50 ohms whether the
>"V" is open side up or down.

Well, this isn't really accurate.

The resonant impedance of dipoles varies. In FREE SPACE, it is about 72 ohms. Close to the ground (as any terrestrial antenna would be), the impedance changes. Moving the legs of the dipole close also changes the impedance. But there's nothing that says it has to be absolutely 50 ohms at a 90 degree angle.

> Now my question, What would happen if you put
>two dipoles in the "V" configuration and cut them for the same frequency and
>placed them in a "X" configuration and feed them with one coax, and had the
>wires (legs, sides) parallel to the ground at aprox 25 to 30 feet height?

Well, the two are going to interact with each other. Most likely, you're going to get a Plus-shaped pattern, depending on how high 25-30 feet is in wavelengths.

Such an antenna is semi-omni directional. VHFer's would know this as a "turnstile" antenna.

>What would be the feed point impedance?

A lot depends on the interaction with the ground. I'd guess the feedpoint impedance would be somewhere between 20 and 100 ohms, assuming that both doublets are resonant on the same frequency.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Mon, 27 Nov 2000 13:22:56 -0600
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [84875] HTX-100 operating procedure
Message-ID: <200011271922.NAA20091@mail.lib.colum.edu>

On Sunday afternoon my TS450S developed an intermittent audio (hopefully just a loose ribbon cable connector) in the heat of the CQWW, so I pulled my HTX-100 down off the shelf. It took me quite a bit of experimenting to remember how to work CW with it (the manual is useless) because I'd forgotten that it doesn't have an "offset" the way most transceivers do today. (I haven't used the HTX-100 since the last sunspot peak.)

As far as I can tell, it transmits the CW carrier right at zero beat with the BFO frequency unless you activate the RIT. I found I couldn't judge the tuning accurately enough by ear with the RIT active, though. So I had to set the RIT "off" (center detent) and zero-beat the desired station, then turn RIT back on to get an audible CW note. This is fine for ragchewing or nets, but definitely clumsy in a contest situation.

Anyone else use one of these and have a better method for tuning in?

At least I found after a few minutes that I've not yet been spoiled by the narrow filters on my Kenwood. The HTX-100 appears to have an audio/IF bandwidth approaching 10 kHz! (In other words, too broad. But might be great for Digipan...)

But I could still narrow the bandwidth in my head by listening to pitches.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Mon, 27 Nov 2000 20:04:55 +0000
From: alan.kaul@att.net
To: ka9nzi@arrl.net
Cc: "Gary Lee Phillips" <ka9nzi@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [84876] Re: HTX-100 operating procedure
Message-ID:
<20001127200458.ZTVX5130.mtiwmhc22.worldnet.att.net@webmail.worldnet.att.net>

I've used the HTX-100 twice in CW contests -- about ten years ago, and then again last year in the ARRL CW DX Contest. My solutions were:

- 1- to always try and tune from the bottom of the band up
- 2- setup the offset, by zero beating a signal and then tuning the offset to a pleasant-sounding CW note (for me around 500-600 hertz)
- 3- working from the bottom of the band up, I would then tune thru the lower sideband on any signal, then thru it's zero beat then thru the upper sideband til I found my 500-600 hz tone
- 4- then I'd answer his CQ

My family was on a ski trip to Lake Tahoe during the contest weekend, and I was able to make 30-40 contacts with about 20 countries during a two hour stint (in the freezing cold front seat of my car in a snowfall!!!).

BTW, I got to thinking about building/buying a filter for CW but deemed it wasn't worth the effort.

72/73 de alan

--

Alan Kaul W6RCL e-mail: w6rcl@amsat.org
<http://worldnet.att.net/~alan.kaul/index.html>

>

> Anyone else use one of these and have a better method for
> tuning in?
>
> At least I found after a few minutes that I've not yet been
> spoiled by the narrow filters on my Kenwood. The HTX-100
> appears to have an audio/IF bandwidth approaching 10 kHz!
> (In other words, too broad. But might be great for Digipan...)
> But I could still narrow the bandwidth in my head by listening
> to pitches.
>
> -- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
> KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
> QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Mon, 27 Nov 2000 15:10:10 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [84877] Re: New CB Enforcement
Message-ID: <021101c058ae\$62f5bec0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, thanks for all the supportive info on this topic.

One thing I spotted though is that this law very specifically goes after CB. It really doesn't apply to HAMs at all, it specifically mentions things like "citizens band radio equipment not authorized by the Commission" which would mean equipment on CB frequencies that is prohibited (ie HAM linears for 11M). And "unauthorized operation of citizens band radio equipment on a frequency between 24 MHz and 35 MHz" ie the freebanders or the 10M encroachers IF they use modified CB equipment and 'expand' it's capabilities.

Although, in reading the law, it would seem NOT to apply to an unlicensed operation that got hold of HAM gear and stayed out of CB areas.

Further, the law doesn't really prohibit anything, in my 'quick reading'. All this law appears to do at first glance is to allow STATES to pass laws to ALSO enforce what is already federally controlled, without

bumping into preeminence issues. (Geesh, I hope I spelled that right!) And without the fed conceding any rights of enforcement.

The real test will be to see what, if any, laws states try to pass to integrate with this law.

Mike

Date: Fri, 27 Nov 1998 12:34:03 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@lehigh.edu>
Subject: [84878] FT817: The Wait is Over
Message-ID: <01be1a45\$45c8b680\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No, I am not referring to the recent election. I called HRO in Oakland this morning and canceled my order for my 817. The reason for my cancellation is that when I bought the rig at Pacificon, I was told that HRO was getting 20 of the FT817's in about 2 or 3 weeks, and that they had sold less than 10 at that time. So, I paid \$768.00 including sales tax cash for my radio. HRO Oakland only got 5 FT817's (the other stores in the chain got the rest of the approximately 60 received by all HRO stores total). I was number 7 on the waiting list. I asked when I could expect to receive my radio. The answer was that HRO was expecting a shipment before the holiday crunch. I asked what that meant, what date could I expect to receive my radio. I was told "before the holiday crunch". That was two weeks ago. This morning, I called HRO in Oakland and canceled my order and asked for and will get a full refund check in about 10 days.

I refuse to wait in line any longer. My new rule is that if it is an order from a commercial company, that I will not buy unless they can ship immediately. Commercial companies have started selling us vaporware, getting us all excited, promising the world, having us place our orders, get our name on the "list", which ties up our money (yes I know that they don't charge the credit card until they ship, but the money is still committed), then making us wait, sometimes for months. Several of them have started doing this and I am not going to play that game any longer.

Clubs, such as NorCal, NJ, Ft. Smith etc. are a different animal. The kits that they sell are used to finance club projects, make available low cost

kits and the work is done by volunteers. I don't mind ordering in advance from a club, recognizing that they must have funds to order parts etc. plus they don't make us wait for several months after they start taking orders.

I posted this as an explanation, as several have asked for my impressions of the new 817. Now you know. 72, Doug, KI6DS

Date: Mon, 27 Nov 2000 15:45:30 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [84879] CQ Nashville, TN :-)
Message-ID: <200011271545_MC2-BC41-59FE@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

Any fellow QRPers and FOX hunters living in/near Nashville, Tennessee? I= will be traveling to Nashville this Wednesday, and returning to Bismarck this Friday. Sure would like to meet some of you, and hopefully hunt the=

FOX from your shack. Anyone who can help?

72,
--Doc/K0EVZ

Date: Mon, 27 Nov 2000 13:07:24 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [84880] Is ten meters open 24 hours a day?
Message-ID: <20001127210724.23900.qmail@web10004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Over the weekend I was listening to the CQWW and also trying to work some new countries. Strangest thing I noticed was 10 never seemed to close! I was on it at 9pm and still heard a fair amount of stations. Now granted it probably closed later on but still it makes one wonder.

In fact it almost seems that 10 meters could be open a lot more than what people think it is. I don't work 10 meters all that but that sure got me thinking!

73!

Jeff

=====

AB6MB

Stop censorship on mailing lists!

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

Do You Yahoo!?

Yahoo! Shopping - Thousands of Stores. Millions of Products.

<http://shopping.yahoo.com/>

Date: Mon, 27 Nov 2000 14:32:52 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: qrp-l@lehigh.edu

Subject: [84881] CW Copy software

Message-ID: <Pine.LNX.4.10.10011271423420.1177-1000000@cannac.ampr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I was given the advise to get the software called CwGet from:

<http://www.dxsoft.com/index.html>

which I did and WOW! Using the audio lead from the psk-31 attenuator of the audio from my receiver I put that into the program and tuned in w1aw sending cw bulletins. I got there while they were sending at 30 wpm and this I can't copy well at all in my head. After setting "Autothreshold" it started copying 100% solid at this speed. It seemed to a speed above that used for psk-31. But with this very stable signal and with little QRM this software copies high speed cw far better than I do!

The software is written and made shareware by UA9OSV and it's really nice.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Mon, 27 Nov 2000 21:17:17 +0000
From: Nils B Young <rantinen@juno.com>
To: QRP-L@lehigh.edu
Subject: [84882] That hum thingie & a QSO with another salt . . .
Message-ID: <20001127.211732.-354263.0.rantinen@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Fellow loonies,

Remember that hum thing when I turned on the AC to the exterior system?
How it blammoed the Sony '7600G receiver? Well, it's gone. At least it's
not as loud & obnoxious as it was. And I don't know why.

I removed a wire from the R174 antenna post that was still hooked up when
the switch to that radio from the antenna path was switched off. So I
don't understand it at all. Better that way, actually. Now I can listen
to the soap opera on TSR . . .

Now, the other night I had a Q with a fellow in Alabama. On the 40m
novice band. Mike KG4KCC in Eufaula, AL. I called CQ at about 8 wpm &
then almost missed Mike 'cause I was tuning the wrong direction (as
usual) again. Anyway, he was using a straight key, doing all right, but
it was obvious that he was trying to send faster than he could with the
key in question. (Ah, the joys of learnin' to adjust one of them
puppies!).

Turned out, after I mentioned the USN, that he'd retired from the USN &
had served as a CTR (communications tech, radio [fancy name for gumshoe
CW intercept operator]). So I punched the '2020 up to about 18 wpm & we
went from there. It was still obvious that he could have used a keyer or
set of paddles. (Makes me real plumb happy that all my "now" radios [as
opposed to "then" radios what are 20 years older or more] have built in
keyers . . .) So I told him that I had an old Ten Tec KR20 keyer out in
the shed & that I would send it to him gratis. One salt to another.

Today I went out in the shed, poked around in the detritis a bit & found
the keyer in queskin. One of the paddles is broke off inside. No
superglue is gonna fix that one. So . . . I've got another keyer in a box
that would work great with another set of paddles . . . if I can find
them & they ain't blammoed too . . .

Wanna bet Ten Tec ain't got parts to fix the KR20? I mean, it's at least

30 years old! Fer cryin' outloud in Turkish! But I can try . . . tomorrow when I can call 'em before they shut down at 4 p.m.

What's weird, however, is that I find it real easy to crank along at 18 wpm with a straight key. Any of the four or five I've got. Except for the one that clamps on yer laig. That one takes a different hand. Maybe 'cause it's strapped to yer laig. Anyway, I think I'll send Mike a copy of the "adjusting a straight key" advice that's on a couple different web sites. Sometimes all the tech in the world don't replace adjusting the screws.

And slowin' down a taste. (Like how many times have you heard people sending CW faster than they can coordinate their finger muscles? It's real obvious when it happens. Especially after you hear EEEEEEE about twenty times just to say "Yeah, I heard that too." All them dots staggerin' around is the dead give-away for me. That & characters runtogethersoyoucan'tfigureout what the last three words were.

There really is an art to it.

Are the bands coming back after the solar blammo? Speakin' of blammoes as I was?

73

Nils

Nils R. B. Young -- El Gringo Errante -- W8IJN -- The Tagalong Press
<http://www6.50megs.com/w8ijn> -- <http://members.fortunecity.com/nilsbull>
"In MY day you had to FIGHT to have finals! Every DAY was a STRUGGLE!"
Comrade Nikolai

Sergeiovich McTovarishov

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 27 Nov 2000 16:43:21 -0500
From: "Jim Dolson" <jdolson@iserv.net>
To: <qrp-1@Lehigh.EDU>
Subject: [84883] [FS] - Large Gell-Cell Batteries
Message-ID: <00e501c058bb\$11bb7380\$8c09e0d0@hal>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I have six 26 AHr gell-cell batteries for sale, in the original boxes (two to a box). The batteries are between one and two years old and all hold a charge. You wouldn't want to go backpacking with them, but for Field Day, home, or cottage use they are great.

New, these cost about \$70 each (\$140 for case of two). I'm selling them for \$15 each (\$30 for a case of two - I have to sell them by the case - no single units please) plus actual shipping cost. Before you think that I'm Santa Claus, please realize that shipping by USPS to FL is \$18 and to CA is \$34. Still a deal, but some may balk at paying more for shipping than for what they are buying ;-)

The batteries are model EVX-12260 made by CSB Battery Co.

Nominal Voltage: 12 V

Amp Hr Capacity: 26 AHr

Dimensions: 6.5" x 6.9" x 5"

Weight: 20 lbs each

Max Discharge Current: 350 Amps for 5 seconds

Max Charge Current: 7.8 Amps

Constant Power Ratings (from full charge down to 10.8 volts)

30 minutes - 316 watts

60 minutes - 193 watts

90 minutes - 142 watts

3 hr - 81 watts

5 hr - 53 watts

8 hr - 35 watts

10 hr - 29 watts

20 hr - 15 watts

If you want the scoop from the manufacturer's web site, you can find . . .

Current Power Ratings: <http://www.csb-battery.com/evxpower.html>

Mechanical Specifications: <http://www.csb-battery.com/evxspecs.html>

Thanks,

Jim

wb8zbd

Grand Rapids, MI

Date: Mon, 27 Nov 2000 14:47:26 -0700
From: "Mike Mellinger WA0SXV" <wa0sxv@mellinger.com>
To: <qrp-1@lehigh.edu>
Subject: [84884] Re: CW Copy software
Message-ID: <0b2801c058bb\$a2ed4040\$012b16c6@mjmtaos>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Actually, the CW decoding software is better than many people think.

I operated the CQ WW CW using Writelog. It includes the ability to decode CW off of a soundcard as part of its RTTY and PSK31 support. I use it as a backup and it saves me quite a few fills when I get busy or the dog comes upstairs for a cookie. It survives some QRM and noise.

It really did well at one point on Sunday when on 10m I heard just a burst of CW. I didn't/couldn't copy it. Looked at the display and it said "P40E". So I cranked the computer keyer up to 40 wpm and replied with my call. He answered "WA0SXV ENNN". Worked out just fine. The decoder claimed that he was doing 43 wpm -- even for his call.

73,
Mike WA0SXV

Date: Mon, 27 Nov 2000 21:49:52 +0000
From: Euramcom <mel@euramcom.freemove.co.uk>
To: <qrp-1@lehigh.edu>
Subject: [84885] Website re-furbished
Message-ID: <E140WFP-0003f4-00.2000-11-27-21-55-39@mail1.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Ho Guys 'n gals,

The EurAmCom website has now had re-furbish number three. Visit=
at

<http://www.euramcom.freemove.co.uk>

to see both old and new pages. Now has Resistor color code

calculator, UHRD info and more

Regards

Mel

--72 and 73 de Mel Evans, e-mail mel@euramcom.freeseerve.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

Visit <http://www.euramcom.freeseerve.co.uk> for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Mon, 27 Nov 2000 14:14:48 -0800
From: Mike Gipe <mgipe@reliablemeters.com>
To: n7dw@prodigy.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [84886] RE: No dummy anymore!
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928F172@mission>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

Russ et al --

I also built one about 30 years ago. I remember that the manual said to use pure mineral oil, OR, to get full power, to use genuine transformer oil.

That was in my QRO days (I ran about 20 watts out), so I searched unsuccessfully for transformer oil until a guy in the local ham club who worked for BG&E was able to get a 5 gallon drum. So a bunch of us did a group buy and filled our cantennas with genuine transformer oil.

A couple of years later, a friend borrowed the cantenna. After a while, I lost track of him, and never got my cantenna back. I got my revenge, however, because he saved me from having to dispose of a gallon of used PCB-laden transformer oil.

Did yours continually seep oil out the top?

Mike K1MG

>
> Hi Ed,
>
> I built a Cantenna way back around 1969 or '70. I was in Germany with
> the Army at that time (DL4DW). If I remember correctly, the manual
> called for pure mineral oil.
>
> 72,
> Russ N7DW
> .
>

Date: Mon, 27 Nov 2000 17:23:50 -0500
From: "Woody Lee" <lee@sms.si.edu>
To: <qrp-1@lehigh.edu>
Subject: [84887] Huge thanks: lost diagrams/schematics for BLT
Message-ID: <sa2298b1.067@simail1.si.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Hi Gang,

Thanks to everyone who responded to my request for information to get lost =
pages of the BLT manual. The response was both overwhelming and humbling. =
This group has got to be the most helpful and unselfish group on the =
internet.

Thanks,

Woody Lee KF4LTT

Woody Lee
Research Assistant
Smithsonian Marine Station at Fort Pierce
701 Seaway Drive
Fort Pierce, FL 34949

561.465.6630 ext.145 telephone
561.461.8154 fax
lee@sms.si.edu

www.sms.si.edu

Date: Mon, 27 Nov 2000 17:18:11 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <fantbb@yahoo.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [84888] RE: Is ten meters open 24 hours a day?
Message-ID: <000701c058bf\$ee024d60\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jeff, many a time a band can appear "dead" and yet there's the possibility of a FB QSO. Occasionally I've had excellent contacts--some even pipeline quality--on a seemingly dead band, a band where NO other signals are heard!

That's what an occasional CQ is for.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Jeff
Sent: Monday, November 27, 2000 4:07 PM
To: Low Power Amateur Radio Discussion
Subject: Is ten meters open 24 hours a day?

Over the weekend I was listening to the CQWW and also trying to work some new countries. Strangest thing I noticed was 10 never seemed to close! I was on it at 9pm and still heard a fair amount of stations. Now granted it probably closed later on but still it makes one wonder. In fact it almost seems that 10 meters could be open a lot more than what people think it is. I don't work 10 meters all that but that sure got me thinking!

73!

Jeff

=====

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NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

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Date: Mon, 27 Nov 2000 14:32:51 -0800

From: "Bob Tellefsen" <n6wg@earthlink.net>

To: <qrp-l@Lehigh.EDU>

Subject: [84889] Re: EZNEC 3.0

Message-ID: <001f01c058c1\$faef67e0\$83d7fc9e@oemcomputer>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Dennis

I see you have already had a few replies. I'll add my recommendation also.

I've used all but Roy's version 1.0 of EZNEC, and thoroughly enjoy

"what-iffing" when I get an antenna idea.

The only caution I would throw out is that IT IS ADDICTIVE.

You will find yourself thinking about an antenna idea, and next thing you know, you are at the keyboard trying it out "to see what would happen".

Then, you get another wild hare of an idea, and you decide to chase it.

Time passes . . . :-)

I don't believe you will regret buying EZNEC 3.0.

73, Bob N6WG

Date: Mon, 27 Nov 2000 14:49:27 -0800

From: Phil Wheeler <w7ox@earthlink.net>

To: n6wg@earthlink.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [84890] Re: EZNEC 3.0
Message-ID: <3A22E4F7.3A9385D7@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Tellefsen wrote:

>
> Dennis
> I see you have already had a few replies. I'll add my recommendation also.
> I've used all but Roy's version 1.0 of EZNEC, and thoroughly enjoy
> "what-iffing" when I get an antenna idea.
>
> The only caution I would throw out is that IT IS ADDICTIVE.
> You will find yourself thinking about an antenna idea, and next thing you
> know, you are at the keyboard trying it out "to see what would happen".
> Then, you get another wild hare of an idea, and you decide to chase it.
> Time passes . . . :-)
>

Worse yet, Bob: You may actually start building some of them!

73, Phil W7OX

Date: Mon, 27 Nov 2000 14:57:58 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-1@lehigh.edu>
Subject: [84891] Re: New CB Enforcement
Message-ID: <20001127225758.56901.qmail@web10002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Mike Yetsko <myetsko@insydesw.com> wrote:
> Further, the law doesn't really prohibit anything, in my
> 'quick reading'. All this law appears to do at first
> glance is to allow STATES to pass laws to ALSO
> enforce what is already federally controlled, without
> bumping into preeminence issues. (Geesh, I hope
> I spelled that right!) And without the fed conceding
> any rights of enforcement.
> The real test will be to see what, if any, laws states
> try to pass to integrate with this law.

WE had a problem in the town where I just moved to with a CBer running high power. All kinds of RFI problems with the guy. The police were powerless to do anything. They suggested the citizens start a petition and submit to the FCC. The local newspaper ran an article on it. He evidently got rid of the amp just before the FCC showed up at his door. There's been no problems since.

Now as an addition to that. A fellow local ham had a yagi that when it pointed a certain direction would point right at an apartment house. The residents were having all kinds of RFI problems with their phones and TVs. They called the police and all the other officer could suggest was once again was to take up a petition to get him to stop it. The officer dropped by and asked him if he was causing the problem. He said he probably was and he would try not to point his antenna at the apartments. From what I remember he hasn't pointed his antenna at them since.

There is the danger. If the officer thought he was a CBer (easy to do with no radio background) he could cite him or god forbid arrest him if a law was passed giving them enforcement capability. A lot of police departments work with hams in emergencies and at events so they might be more aware of the differences. A lot of areas this is not the case. So once again there is a possibility of problems with the local police in this matter.

73!

Jeff

=====

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Date: Mon, 27 Nov 2000 14:09:04 -0800 (PST)

From: wa4dou@excite.com

To: fantbb@yahoo.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [84892] Re: Is ten meters open 24 hours a day?

Message-ID: <18398718.975362944935.JavaMail.imal@chilly.excite.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Jeff,

When you're talking sporadic e and F2 layer propagation, a good rule of thumb is to "expect the unexpected." a good habit to cultivate is to tune across dead bands with some regularity. I got Guam that way on 6 meters 10 years ago. Also back in the summer or late spring, at 1-2:00 a.m., on 10 meters, i ran across FR7/g on Gloriso calling cq and he was 579 and not another signal here on the band. He came right back to me, 1 st call. 10 ,6 and other bands aren't necessarily closed just because no activity is evident. Also around that same time period, i remember 10 meters being open at 4:00 a.m. (e.s.t.) at least for the big contest stations. You never know and that sort of stuff makes it interesting. 73 Roy WA4DOU

p.s. It works equally well on 20 and 30 meters in the solar lull.

On Mon, 27 Nov 2000 13:07:24 -0800 (PST), fantbb@yahoo.com wrote:

> Over the weekend I was listening to the CQWW and also trying to work
> some new countries. Strangest thing I noticed was 10 never seemed to
> close! I was on it at 9pm and still heard a fair amount of stations.
> Now granted it probably closed later on but still it makes one wonder.
> In fact it almost seems that 10 meters could be open a lot more

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Date: Mon, 27 Nov 2000 18:31:08 -0500
From: Jack Falk <k4byf@juno.com>
To: qrp-l@lehigh.EDU
Message-ID: <20001127.183114.-805613.0.K4BYF@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Look for C6A/WA3WSJ on 7043 with his TT2 at about 1830 EST. He has a big signal into FL with his K2 on 7040.

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 27 Nov 2000 15:45:16 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: qrp-l@Lehigh.EDU
Cc: Eric Swartz <eric@elecraft.com>, Gary Surrency <gary@elecraft.com>
Subject: [84894] Re: K-1 problems, problems!
Message-ID: <3A22E3F6.8E17428@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mac,

Gary (Elecraft customer support) has already responded fully to your specific issues, so I won't go over them again. Sounds like you may have a bad component that's causing VFO setup to be problematic.

But I did want to thank you for your spirited analysis and insights. With any new kit, we watch carefully to see if more than one builder has trouble with a particular assembly step, and if necessary, we add additional detail. Our goal, as ever, is to make our kits easy to build.

73,
Wayne
N6KR

End of QRP-L Digest 2019

